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OM nucleic - nucleic search, using sw model

Run on: January 31, 2006, 02:05:29 ; Search time 93 Seconds
(without alignments)
191.136 Million cell updates/sec

Title: US-09-813-824B-3
Perfect score: 10
Sequence: 1 krrcwgyy 10

Scoring table: OLIGO NUC
Gapop 60.0 , Gapext 60.0

Searched: 1303057 seqs, 888780828 residues

Word size : 0

Total number of hits satisfying chosen parameters: 1427136

Minimum DB seq length: 0

Maximum DB seq length: 100

Post-processing: Listing first 1000 summaries

Database : Issued Patents NA:
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3: /cgn2_6/ptodata/1/ina/6A COMB.seq.*
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5: /cgn2_6/ptodata/1/ina/H COMB.seq.*
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7: /cgn2_6/ptodata/1/ina/PT COMB.seq.*
8: /cgn2_6/ptodata/1/ina/RS COMB.seq.*
9: /cgn2_6/ptodata/1/ina/backfiles1.seq.*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
1	10	100.0	10	2	US-08-330-535A-30
2	10	100.0	10	2	US-08-330-535A-30
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4	10	100.0	10	2	US-08-688-145-3
5	10	100.0	10	2	US-08-838-844-30
6	10	100.0	10	2	US-08-838-844-30
7	10	100.0	10	2	US-08-299-074A-30
8	10	100.0	10	2	US-08-299-074A-30
9	10	100.0	10	3	US-09-173-914-29
10	10	100.0	10	3	US-09-173-914-29
11	10	100.0	10	3	US-09-399-773-3
12	10	100.0	10	3	US-09-399-773-3
13	10	100.0	10	3	US-09-928-385B-24
14	10	100.0	10	3	US-09-928-385B-24
15	10	100.0	10	3	US-08-260-190-21
16	10	100.0	10	3	US-08-260-190-21
17	10	100.0	20	3	US-09-210-748A-6
18	10	100.0	20	3	US-09-210-748A-6
19	10	100.0	20	3	US-09-939-581A-6
20	10	100.0	20	3	US-09-939-581A-6
21	10	100.0	21	2	US-08-713-052-4
22	10	100.0	21	2	US-08-713-052-4
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c 274	3	30.0	19	3	US-09-672-717-211	Sequence 211, Appl	c 347	3	30.0	24	3	US-08-513-974B-230	Sequence 230, Appl
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c 281	3	30.0	20	2	US-07-940-242A-7	Sequence 7, Appl	c 354	3	30.0	24	3	US-09-419-788-74	Sequence 74, Appl
c 282	3	30.0	20	2	US-07-940-242A-7	Sequence 7, Appl	c 355	3	30.0	25	2	US-07-959-119A-7	Sequence 7, Appl
c 283	3	30.0	20	2	US-08-474-542A-130	Sequence 130, Appl	c 356	3	30.0	25	2	US-07-959-119A-7	Sequence 7, Appl
c 284	3	30.0	20	2	US-08-474-542A-130	Sequence 130, Appl	c 357	3	30.0	25	2	US-08-744-722-1	Sequence 1, Appl
c 285	3	30.0	20	2	US-08-457-648-130	Sequence 130, Appl	c 358	3	30.0	25	2	US-08-744-722-1	Sequence 1, Appl
c 286	3	30.0	20	2	US-08-457-648-130	Sequence 130, Appl	c 359	3	30.0	25	2	US-08-471-994-6	Sequence 6, Appl
c 287	3	30.0	20	2	US-08-643-886-10	Sequence 10, Appl	c 360	3	30.0	25	2	US-08-471-994-6	Sequence 6, Appl
c 288	3	30.0	20	2	US-08-643-886-10	Sequence 10, Appl	c 361	3	30.0	25	3	US-08-979-917A-15	Sequence 15, Appl
c 289	3	30.0	20	2	US-08-680-326-126	Sequence 126, Appl	c 362	3	30.0	25	3	US-08-979-917A-15	Sequence 15, Appl
c 290	3	30.0	20	2	US-08-680-326-126	Sequence 126, Appl	c 363	3	30.0	25	3	US-09-743-954-4	Sequence 4, Appl
c 291	3	30.0	20	3	US-09-132-368-30	Sequence 30, Appl	c 364	3	30.0	25	3	US-09-743-954-4	Sequence 4, Appl
c 292	3	30.0	20	3	US-09-132-368-30	Sequence 30, Appl	c 365	3	30.0	25	3	US-08-397-335-7	Sequence 7, Appl
c 293	3	30.0	20	3	US-09-732-615-19	Sequence 19, Appl	c 366	3	30.0	25	3	US-08-397-335-7	Sequence 7, Appl
c 294	3	30.0	20	3	US-09-732-615-19	Sequence 19, Appl	c 367	3	30.0	26	2	US-07-714-131C-343	Sequence 343, Appl
c 295	3	30.0	20	3	US-10-273-051-19	Sequence 19, Appl	c 368	3	30.0	26	2	US-07-714-131C-343	Sequence 343, Appl
c 296	3	30.0	20	3	US-10-273-051-19	Sequence 19, Appl	c 369	3	30.0	26	2	US-07-959-119A-10	Sequence 10, Appl
c 297	3	30.0	20	3	US-09-525-305-36	Sequence 36, Appl	c 370	3	30.0	26	2	US-07-959-119A-10	Sequence 10, Appl
c 298	3	30.0	20	3	US-09-525-305-36	Sequence 36, Appl	c 371	3	30.0	26	2	US-08-412-110-343	Sequence 343, Appl
c 299	3	30.0	21	2	US-08-474-542A-298	Sequence 298, Appl	c 372	3	30.0	26	2	US-08-412-110-343	Sequence 343, Appl
c 300	3	30.0	21	2	US-08-474-542A-298	Sequence 298, Appl	c 373	3	30.0	26	2	US-08-409-442A-343	Sequence 343, Appl
c 301	3	30.0	21	2	US-08-457-648-298	Sequence 298, Appl	c 374	3	30.0	26	2	US-08-409-442A-343	Sequence 343, Appl
c 302	3	30.0	21	2	US-08-457-648-298	Sequence 298, Appl	c 375	3	30.0	26	2	US-08-469-609A-343	Sequence 343, Appl
c 303	3	30.0	21	2	US-08-632-598-10	Sequence 10, Appl	c 376	3	30.0	26	2	US-08-469-609A-343	Sequence 343, Appl
c 304	3	30.0	21	2	US-08-632-598-10	Sequence 10, Appl	c 377	3	30.0	26	2	US-08-680-326-5	Sequence 5, Appl
c 305	3	30.0	21	3	US-09-040-025-76	Sequence 76, Appl	c 378	3	30.0	26	2	US-08-680-326-5	Sequence 5, Appl
c 306	3	30.0	21	3	US-09-040-025-76	Sequence 76, Appl	c 379	3	30.0	26	2	US-08-680-326-6	Sequence 6, Appl
c 307	3	30.0	21	3	US-09-040-025-78	Sequence 78, Appl	c 380	3	30.0	26	2	US-08-680-326-6	Sequence 6, Appl
c 308	3	30.0	21	3	US-09-040-025-78	Sequence 78, Appl	c 381	3	30.0	26	3	US-08-906-443-2	Sequence 2, Appl
c 309	3	30.0	21	3	US-09-040-025-107	Sequence 107, Appl	c 382	3	30.0	26	3	US-08-906-443-2	Sequence 2, Appl
c 310	3	30.0	21	3	US-09-040-025-107	Sequence 107, Appl	c 383	3	30.0	26	3	US-09-143-190-343	Sequence 343, Appl
c 311	3	30.0	21	3	US-09-040-025-109	Sequence 109, Appl	c 384	3	30.0	26	3	US-09-143-190-343	Sequence 343, Appl
c 312	3	30.0	21	3	US-09-040-025-109	Sequence 109, Appl	c 385	3	30.0	26	3	US-08-154-364-13	Sequence 13, Appl
c 313	3	30.0	21	3	US-09-231-240-10	Sequence 10, Appl	c 386	3	30.0	26	3	US-08-154-364-13	Sequence 13, Appl
c 314	3	30.0	21	3	US-09-231-240-10	Sequence 10, Appl	c 387	3	30.0	26	3	US-08-973-124-269	Sequence 269, Appl
c 315	3	30.0	21	3	US-09-040-025-76	Sequence 76, Appl	c 388	3	30.0	26	3	US-08-973-124-269	Sequence 269, Appl
c 316	3	30.0	21	3	US-09-040-025-76	Sequence 76, Appl	c 389	3	30.0	26	3	US-09-502-344-343	Sequence 343, Appl

C 390	3	30.0	26	3	US-09-502-344-343	Sequence 343, App	463	3	30.0	31	3	US-08-466-601A-112	Sequence 112, App
C 391	3	30.0	26	3	US-08-397-335-10	Sequence 10, Appl	C 464	3	30.0	31	3	US-08-466-601A-112	Sequence 112, App
C 392	3	30.0	26	3	US-08-397-335-10	Sequence 10, Appl	C 465	3	30.0	31	6	PCT-US95-10398-216	Sequence 216, App
C 393	3	30.0	26	3	US-10-037-986-343	Sequence 343, App	C 466	3	30.0	31	6	PCT-US95-10398-216	Sequence 216, App
C 394	3	30.0	26	3	US-10-037-986-343	Sequence 343, App	C 467	3	30.0	33	2	US-08-138-608-7	Sequence 7, Appli
C 395	3	30.0	26	6	PCT-US96-08014-269	Sequence 269, App	C 468	3	30.0	33	2	US-08-138-608-7	Sequence 7, Appli
C 396	3	30.0	26	6	PCT-US96-08014-269	Sequence 269, App	C 469	3	30.0	33	2	US-08-138-608-11	Sequence 11, Appl
C 397	3	30.0	27	2	US-07-714-131C-337	Sequence 337, App	C 470	3	30.0	33	2	US-08-138-608-11	Sequence 11, Appl
C 398	3	30.0	27	2	US-07-714-131C-337	Sequence 337, App	C 471	3	30.0	33	2	US-08-138-608-11	Sequence 11, Appl
C 399	3	30.0	27	2	US-08-412-110-337	Sequence 337, App	C 472	3	30.0	33	2	US-08-438-639-6	Sequence 6, Appli
C 400	3	30.0	27	2	US-08-412-110-337	Sequence 337, App	C 473	3	30.0	33	2	US-08-438-639-6	Sequence 6, Appli
C 401	3	30.0	27	2	US-08-409-442A-337	Sequence 337, App	C 474	3	30.0	33	2	US-08-438-639-25	Sequence 25, Appl
C 402	3	30.0	27	2	US-08-409-442A-337	Sequence 337, App	C 475	3	30.0	33	2	US-08-438-639-28	Sequence 28, Appl
C 403	3	30.0	27	2	US-08-469-609A-337	Sequence 337, App	C 476	3	30.0	33	2	US-08-438-639-28	Sequence 28, Appl
C 404	3	30.0	27	2	US-08-469-609A-337	Sequence 337, App	C 477	3	30.0	33	2	US-08-438-639-38	Sequence 38, Appl
C 405	3	30.0	27	3	US-09-143-190-337	Sequence 337, App	C 478	3	30.0	33	2	US-08-438-639-38	Sequence 38, Appl
C 406	3	30.0	27	3	US-09-143-190-337	Sequence 337, App	C 479	3	30.0	33	2	US-07-813-338A-6	Sequence 6, Appli
C 407	3	30.0	27	3	US-08-709-838-4	Sequence 4, Appli	C 480	3	30.0	33	2	US-07-813-338A-6	Sequence 6, Appli
C 408	3	30.0	27	3	US-08-709-838-4	Sequence 4, Appli	C 481	3	30.0	33	2	US-07-813-338A-25	Sequence 25, Appl
C 409	3	30.0	27	3	US-08-829-839-4	Sequence 4, Appli	C 482	3	30.0	33	2	US-07-813-338A-25	Sequence 25, Appl
C 410	3	30.0	27	3	US-08-829-839-4	Sequence 4, Appli	C 483	3	30.0	33	2	US-07-813-338A-28	Sequence 28, Appl
C 411	3	30.0	27	3	US-08-154-364-6	Sequence 6, Appli	C 484	3	30.0	33	2	US-07-813-338A-28	Sequence 28, Appl
C 412	3	30.0	27	3	US-08-154-364-6	Sequence 6, Appli	C 485	3	30.0	33	2	US-07-813-338A-38	Sequence 38, Appl
C 413	3	30.0	27	3	US-08-973-124-268	Sequence 268, App	C 486	3	30.0	33	2	US-07-813-338A-38	Sequence 38, Appl
C 414	3	30.0	27	3	US-08-973-124-268	Sequence 268, App	C 487	3	30.0	33	2	US-08-452-242-11	Sequence 11, Appl
C 415	3	30.0	27	3	US-09-502-344-337	Sequence 337, App	C 488	3	30.0	33	2	US-08-452-242-11	Sequence 11, Appl
C 416	3	30.0	27	3	US-09-502-344-337	Sequence 337, App	C 489	3	30.0	33	3	US-08-453-176A-11	Sequence 11, Appl
C 417	3	30.0	27	3	US-08-403-459-59	Sequence 59, Appl	C 490	3	30.0	33	3	US-08-453-176A-11	Sequence 11, Appl
C 418	3	30.0	27	3	US-08-403-459-59	Sequence 59, Appl	C 491	3	30.0	33	3	US-08-441-971-81	Sequence 81, Appl
C 419	3	30.0	27	3	US-08-403-459-60	Sequence 60, Appl	C 492	3	30.0	33	3	US-08-441-971-81	Sequence 81, Appl
C 420	3	30.0	27	3	US-08-403-459-60	Sequence 60, Appl	C 493	3	30.0	33	3	US-08-441-971-100	Sequence 100, App
C 421	3	30.0	27	3	US-09-033-936-52	Sequence 52, Appl	C 494	3	30.0	33	3	US-08-441-971-100	Sequence 100, App
C 422	3	30.0	27	3	US-09-033-936-52	Sequence 52, Appl	C 495	3	30.0	33	3	US-08-441-971-103	Sequence 103, App
C 423	3	30.0	27	3	US-09-684-579-9	Sequence 9, Appli	C 496	3	30.0	33	3	US-08-441-971-103	Sequence 103, App
C 424	3	30.0	27	3	US-09-684-579-9	Sequence 9, Appli	C 497	3	30.0	33	3	US-08-441-971-113	Sequence 113, App
C 425	3	30.0	27	3	US-09-624-594-4	Sequence 4, Appli	C 498	3	30.0	33	3	US-08-441-971-113	Sequence 113, App
C 426	3	30.0	27	3	US-09-607-156-4	Sequence 4, Appli	C 499	3	30.0	33	3	US-08-467-023-104	Sequence 104, App
C 427	3	30.0	27	3	US-09-607-156-4	Sequence 4, Appli	C 500	3	30.0	33	3	US-08-467-023-104	Sequence 104, App
C 428	3	30.0	27	3	US-09-607-156-4	Sequence 4, Appli	C 501	3	30.0	33	3	US-08-451-374-11	Sequence 11, Appl
C 429	3	30.0	27	3	US-10-037-986-337	Sequence 337, App	C 502	3	30.0	33	3	US-08-451-374-11	Sequence 11, Appl
C 430	3	30.0	27	3	US-10-037-986-337	Sequence 337, App	C 503	3	30.0	33	3	US-08-221-653-81	Sequence 81, Appl
C 431	3	30.0	27	6	PCT-US96-08014-268	Sequence 268, App	C 504	3	30.0	33	3	US-08-221-653-81	Sequence 81, Appl
C 432	3	30.0	27	6	PCT-US96-08014-268	Sequence 268, App	C 505	3	30.0	33	3	US-08-221-653-100	Sequence 100, App
C 433	3	30.0	28	2	US-07-752-101A-32	Sequence 32, Appl	C 506	3	30.0	33	3	US-08-221-653-100	Sequence 100, App
C 434	3	30.0	28	2	US-07-752-101A-32	Sequence 32, Appl	C 507	3	30.0	33	3	US-08-221-653-103	Sequence 103, App
C 435	3	30.0	29	2	US-07-714-131C-342	Sequence 342, App	C 508	3	30.0	33	3	US-08-221-653-103	Sequence 103, App
C 436	3	30.0	29	2	US-07-714-131C-342	Sequence 342, App	C 509	3	30.0	33	3	US-08-221-653-113	Sequence 113, App
C 437	3	30.0	29	2	US-08-275-225-25	Sequence 25, Appl	C 510	3	30.0	33	3	US-08-221-653-113	Sequence 113, App
C 438	3	30.0	29	2	US-08-275-225-25	Sequence 25, Appl	C 511	3	30.0	33	3	US-08-442-144A-81	Sequence 81, Appl
C 439	3	30.0	29	2	US-08-412-110-342	Sequence 342, App	C 512	3	30.0	33	3	US-08-442-144A-81	Sequence 81, Appl
C 440	3	30.0	29	2	US-08-412-110-342	Sequence 342, App	C 513	3	30.0	33	3	US-08-442-144A-100	Sequence 100, App
C 441	3	30.0	29	2	US-08-409-442A-342	Sequence 342, App	C 514	3	30.0	33	3	US-08-442-144A-100	Sequence 100, App
C 442	3	30.0	29	2	US-08-409-442A-342	Sequence 342, App	C 515	3	30.0	33	3	US-08-442-144A-103	Sequence 103, App
C 443	3	30.0	29	2	US-08-469-609A-342	Sequence 342, App	C 516	3	30.0	33	3	US-08-442-144A-103	Sequence 103, App
C 444	3	30.0	29	2	US-08-469-609A-342	Sequence 342, App	C 517	3	30.0	33	3	US-08-442-144A-113	Sequence 113, App
C 445	3	30.0	29	3	US-09-143-190-342	Sequence 342, App	C 518	3	30.0	33	3	US-08-442-144A-113	Sequence 113, App
C 446	3	30.0	29	3	US-09-143-190-342	Sequence 342, App	C 519	3	30.0	33	3	US-08-935-268A-11	Sequence 11, Appl
C 447	3	30.0	29	3	US-09-502-344-342	Sequence 342, App	C 520	3	30.0	33	3	US-08-935-268A-11	Sequence 11, Appl
C 448	3	30.0	29	3	US-09-502-344-342	Sequence 342, App	C 521	3	30.0	33	3	US-08-441-970-81	Sequence 81, Appl
C 449	3	30.0	29	3	US-10-037-986-342	Sequence 342, App	C 522	3	30.0	33	3	US-08-441-970-81	Sequence 81, Appl
C 450	3	30.0	29	3	US-10-037-986-342	Sequence 342, App	C 523	3	30.0	33	3	US-08-441-970-100	Sequence 100, App
C 451	3	30.0	30	2	US-08-186-229-32	Sequence 32, Appl	C 524	3	30.0	33	3	US-08-441-970-100	Sequence 100, App
C 452	3	30.0	30	2	US-08-186-229-32	Sequence 32, Appl	C 525	3	30.0	33	3	US-08-441-970-103	Sequence 103, App
C 453	3	30.0	30	2	US-08-470-124-32	Sequence 32, Appl	C 526	3	30.0	33	3	US-08-441-970-103	Sequence 103, App
C 454	3	30.0	30	2	US-08-470-124-32	Sequence 32, Appl	C 527	3	30.0	33	3	US-08-441-970-113	Sequence 113, App
C 455	3	30.0	30	3	US-09-671-089-36	Sequence 36, Appl	C 528	3	30.0	33	3	US-08-441-970-113	Sequence 113, App
C 456	3	30.0	30	3	US-09-671-089-36	Sequence 36, Appl	C 529	3	30.0	33	3	US-08-169-715-5	Sequence 5, Appli
C 457	3	30.0	31	2	US-08-086-428B-112	Sequence 112, App	C 530	3	30.0	33	3	US-08-169-715-5	Sequence 5, Appli
C 458	3	30.0	31	2	US-08-086-428B-112	Sequence 112, App	C 531	3	30.0	33	3	US-08-169-715-19	Sequence 19, Appl
C 459	3	30.0	31	2	US-08-468-570-112	Sequence 112, App	C 532	3	30.0	33	3	US-08-169-715-19	Sequence 19, Appl
C 460	3	30.0	31	2	US-08-468-570-112	Sequence 112, App	C 533	3	30.0	33	3	US-08-169-715-59	Sequence 59, Appl
C 461	3	30.0	31	2	US-08-290-665A-216	Sequence 216, App	C 534	3	30.0	33	3	US-08-169-715-59	Sequence 59, Appl
C 462	3	30.0	31	2	US-08-290-665A-216	Sequence 216, App	C 535	3	30.0	33	3	US-08-452-229-11	Sequence 11, Appl

C 536	3	30.0	33	3	US-08-452-229-11	Sequence 11, Appl	609	3	30.0	42	3	US-08-933-983-23	Sequence 23, Appl
C 537	3	30.0	33	3	US-09-671-089-35	Sequence 35, Appl	C 610	3	30.0	42	3	US-08-933-983-23	Sequence 23, Appl
C 538	3	30.0	33	3	US-09-671-089-35	Sequence 35, Appl	C 611	3	30.0	42	3	US-09-502-653-25	Sequence 25, Appl
C 539	3	30.0	34	3	US-08-814-412-24	Sequence 24, Appl	C 612	3	30.0	42	3	US-09-502-653-25	Sequence 25, Appl
C 540	3	30.0	34	3	US-08-814-412-24	Sequence 24, Appl	C 613	3	30.0	45	3	US-08-987-943-6	Sequence 6, Appl
C 541	3	30.0	34	3	US-09-232-477-13	Sequence 13, Appl	C 614	3	30.0	45	3	US-08-987-943-6	Sequence 6, Appl
C 542	3	30.0	34	3	US-09-232-477-13	Sequence 13, Appl	C 615	3	30.0	45	3	US-08-987-943-7	Sequence 7, Appl
C 543	3	30.0	34	3	US-09-784-982-13	Sequence 13, Appl	C 616	3	30.0	45	3	US-08-987-943-7	Sequence 7, Appl
C 544	3	30.0	34	3	US-09-784-982-13	Sequence 13, Appl	C 617	3	30.0	45	3	US-08-987-943-7	Sequence 7, Appl
C 545	3	30.0	35	3	US-09-363-189B-9	Sequence 9, Appl	C 618	3	30.0	45	3	US-08-987-943-11	Sequence 11, Appl
C 546	3	30.0	35	3	US-09-363-189B-9	Sequence 9, Appl	C 619	3	30.0	45	3	US-08-987-943-11	Sequence 11, Appl
C 547	3	30.0	35	3	US-10-307-385-9	Sequence 9, Appl	C 620	3	30.0	47	3	US-09-422-978-3789	Sequence 3789, Ap
C 548	3	30.0	35	3	US-10-307-385-9	Sequence 9, Appl	C 621	3	30.0	47	3	US-09-422-978-3789	Sequence 3789, Ap
C 549	3	30.0	36	2	US-08-482-882-40	Sequence 40, Appl	C 622	3	30.0	48	2	US-08-230-002-8	Sequence 8, Appl
C 550	3	30.0	36	2	US-08-482-882-40	Sequence 40, Appl	C 623	3	30.0	48	2	US-08-230-002-8	Sequence 8, Appl
C 551	3	30.0	36	2	US-08-483-389-40	Sequence 40, Appl	C 624	3	30.0	48	2	US-08-678-854-8	Sequence 8, Appl
C 552	3	30.0	36	2	US-08-483-389-40	Sequence 40, Appl	C 625	3	30.0	48	2	US-08-678-854-8	Sequence 8, Appl
C 553	3	30.0	36	2	US-08-487-113D-40	Sequence 40, Appl	C 626	3	30.0	48	3	US-09-300-008B-63	Sequence 63, Appl
C 554	3	30.0	36	2	US-08-487-113D-40	Sequence 40, Appl	C 627	3	30.0	48	3	US-09-300-008B-63	Sequence 63, Appl
C 555	3	30.0	36	2	US-08-487-113D-40	Sequence 40, Appl	C 628	3	30.0	50	3	US-09-508-930D-32	Sequence 32, Appl
C 556	3	30.0	36	2	US-08-726-528A-2	Sequence 2, Appl	C 629	3	30.0	50	3	US-09-508-930D-32	Sequence 32, Appl
C 557	3	30.0	36	2	US-08-726-528A-2	Sequence 2, Appl	C 630	3	30.0	51	3	US-09-546-934-30	Sequence 30, Appl
C 558	3	30.0	36	2	US-08-785-571-3	Sequence 3, Appl	C 631	3	30.0	51	3	US-09-546-934-30	Sequence 30, Appl
C 559	3	30.0	36	2	US-08-785-571-3	Sequence 3, Appl	C 632	3	30.0	51	3	US-09-513-999C-27635	Sequence 27635, A
C 560	3	30.0	36	2	US-08-473-503-40	Sequence 40, Appl	C 633	3	30.0	51	3	US-09-513-999C-27635	Sequence 27635, A
C 561	3	30.0	36	2	US-08-473-503-40	Sequence 40, Appl	C 634	3	30.0	58	3	US-09-621-976-8641	Sequence 8641, Ap
C 562	3	30.0	36	2	US-08-483-932-40	Sequence 40, Appl	C 635	3	30.0	58	3	US-09-621-976-8641	Sequence 8641, Ap
C 563	3	30.0	36	2	US-08-483-932-40	Sequence 40, Appl	C 636	3	30.0	58	3	US-09-513-999C-30029	Sequence 30029, A
C 564	3	30.0	36	2	US-08-720-420A-40	Sequence 40, Appl	C 637	3	30.0	58	3	US-09-513-999C-30029	Sequence 30029, A
C 565	3	30.0	36	3	US-08-714-017-40	Sequence 40, Appl	C 638	3	30.0	59	2	US-08-327-525A-14	Sequence 14, Appl
C 566	3	30.0	36	3	US-08-714-017-40	Sequence 40, Appl	C 639	3	30.0	59	2	US-08-327-525A-14	Sequence 14, Appl
C 567	3	30.0	36	3	US-08-475-680-40	Sequence 40, Appl	C 640	3	30.0	59	2	US-08-531-137B-14	Sequence 14, Appl
C 568	3	30.0	36	3	US-08-475-680-40	Sequence 40, Appl	C 641	3	30.0	59	2	US-08-531-137B-14	Sequence 14, Appl
C 569	3	30.0	36	3	US-08-475-680-40	Sequence 40, Appl	C 642	3	30.0	59	3	US-09-158-765-14	Sequence 14, Appl
C 570	3	30.0	36	6	PCT-US93-06734-3	Sequence 3, Appl	C 643	3	30.0	59	3	US-09-158-765-14	Sequence 14, Appl
C 571	3	30.0	36	6	PCT-US94-14106-26	Sequence 26, Appl	C 644	3	30.0	59	3	US-09-796-071-14	Sequence 14, Appl
C 572	3	30.0	36	6	PCT-US94-14106-26	Sequence 26, Appl	C 645	3	30.0	59	3	US-09-796-071-14	Sequence 14, Appl
C 573	3	30.0	37	2	US-08-388-672A-5	Sequence 5, Appl	C 646	3	30.0	59	3	US-09-049-805-14	Sequence 14, Appl
C 574	3	30.0	37	2	US-08-388-672A-5	Sequence 5, Appl	C 647	3	30.0	61	3	US-08-952-793-377	Sequence 377, App
C 575	3	30.0	37	3	US-09-080-554-5	Sequence 5, Appl	C 648	3	30.0	61	3	US-08-952-793-377	Sequence 377, App
C 576	3	30.0	37	3	US-09-080-554-5	Sequence 5, Appl	C 649	3	30.0	61	3	US-09-849-928-377	Sequence 377, App
C 577	3	30.0	38	3	US-08-814-412-32	Sequence 32, Appl	C 650	3	30.0	61	3	US-09-849-928-377	Sequence 377, App
C 578	3	30.0	38	3	US-08-814-412-32	Sequence 32, Appl	C 651	3	30.0	61	3	US-09-621-976-14754	Sequence 14754, A
C 579	3	30.0	38	3	US-09-617-594A-13	Sequence 13, Appl	C 652	3	30.0	61	3	US-09-621-976-14754	Sequence 14754, A
C 580	3	30.0	38	3	US-09-617-594A-13	Sequence 13, Appl	C 653	3	30.0	61	6	PCT-US96-09455A-377	Sequence 377, App
C 581	3	30.0	38	3	US-10-209-507-13	Sequence 13, Appl	C 654	3	30.0	61	6	PCT-US96-09455A-377	Sequence 377, App
C 582	3	30.0	38	3	US-10-209-507-13	Sequence 13, Appl	C 655	3	30.0	63	3	US-09-069-827A-17	Sequence 17, Appl
C 583	3	30.0	39	2	US-08-485-359-5	Sequence 5, Appl	C 656	3	30.0	63	3	US-09-069-827A-17	Sequence 17, Appl
C 584	3	30.0	39	2	US-08-485-359-5	Sequence 5, Appl	C 657	3	30.0	64	3	US-09-513-999C-25672	Sequence 25672, A
C 585	3	30.0	39	2	US-08-569-594-5	Sequence 5, Appl	C 658	3	30.0	64	3	US-09-513-999C-25672	Sequence 25672, A
C 586	3	30.0	39	2	US-08-569-594-5	Sequence 5, Appl	C 659	3	30.0	68	3	US-09-513-999C-16627	Sequence 16627, A
C 587	3	30.0	39	3	US-08-444-644-2	Sequence 2, Appl	C 660	3	30.0	68	3	US-09-513-999C-16627	Sequence 16627, A
C 588	3	30.0	39	3	US-08-444-644-2	Sequence 2, Appl	C 661	3	30.0	69	3	US-09-269-911A-7	Sequence 7, Appl
C 589	3	30.0	39	3	US-08-444-644-6	Sequence 6, Appl	C 662	3	30.0	69	3	US-09-269-911A-7	Sequence 7, Appl
C 590	3	30.0	39	3	US-08-232-246A-2	Sequence 2, Appl	C 663	3	30.0	69	3	US-09-269-911A-8	Sequence 8, Appl
C 591	3	30.0	39	3	US-08-232-246A-2	Sequence 2, Appl	C 664	3	30.0	69	3	US-09-269-911A-8	Sequence 8, Appl
C 592	3	30.0	39	3	US-08-232-246A-6	Sequence 6, Appl	C 665	3	30.0	70	3	US-08-952-793-369	Sequence 369, App
C 593	3	30.0	39	3	US-08-232-246A-6	Sequence 6, Appl	C 666	3	30.0	70	3	US-08-952-793-369	Sequence 369, App
C 594	3	30.0	39	3	US-08-232-246A-6	Sequence 6, Appl	C 667	3	30.0	70	3	US-09-849-928-369	Sequence 369, App
C 595	3	30.0	39	3	US-09-564-329A-26	Sequence 26, Appl	C 668	3	30.0	70	3	US-09-849-928-369	Sequence 369, App
C 596	3	30.0	39	3	US-09-564-329A-26	Sequence 26, Appl	C 669	3	30.0	70	3	PCT-US96-09455A-369	Sequence 369, App
C 597	3	30.0	39	3	US-09-963-620-26	Sequence 26, Appl	C 670	3	30.0	70	6	PCT-US96-09455A-369	Sequence 369, App
C 598	3	30.0	39	3	US-09-963-620-26	Sequence 26, Appl	C 671	3	30.0	71	3	US-08-952-793-382	Sequence 382, App
C 599	3	30.0	39	3	US-09-855-632-26	Sequence 26, Appl	C 672	3	30.0	71	3	US-08-952-793-382	Sequence 382, App
C 600	3	30.0	39	3	US-09-855-632-26	Sequence 26, Appl	C 673	3	30.0	71	3	US-09-849-928-382	Sequence 382, App
C 601	3	30.0	39	3	US-09-934-773-26	Sequence 26, Appl	C 674	3	30.0	71	3	US-09-849-928-382	Sequence 382, App
C 602	3	30.0	39	3	US-09-934-773-26	Sequence 26, Appl	C 675	3	30.0	71	3	US-09-513-999C-27432	Sequence 27432, A
C 603	3	30.0	39	3	US-09-855-153-26	Sequence 26, Appl	C 676	3	30.0	71	3	US-09-513-999C-27432	Sequence 27432, A
C 604	3	30.0	39	3	US-09-855-153-26	Sequence 26, Appl	C 677	3	30.0	71	6	PCT-US96-09455A-382	Sequence 382, App
C 605	3	30.0	39	3	US-10-224-720-26	Sequence 26, Appl	C 678	3	30.0	71	6	PCT-US96-09455A-382	Sequence 382, App
C 606	3	30.0	39	3	US-10-224-720-26	Sequence 26, Appl	C 679	3	30.0	73	3	US-09-513-999C-19180	Sequence 19180, A
C 607	3	30.0	39	3	PCT-US96-08815-5	Sequence 5, Appl	C 680	3	30.0	73	3	US-09-513-999C-19180	Sequence 19180, A
C 608	3	30.0	39	6	PCT-US96-08815-5	Sequence 5, Appl	C 681	3	30.0	73	3	US-09-513-999C-25699	Sequence 25699, A

C 682	3	30.0	73	3	US-09-513-999C-25699	Sequence 25699, A	755	2	20.0	5	3	US-09-966-997-8	Sequence 8, Appli
C 683	3	30.0	81	3	US-09-603-663-34	Sequence 34, Appl	C 756	2	20.0	5	3	US-09-966-997-8	Sequence 8, Appli
C 684	3	30.0	81	3	US-09-603-663-34	Sequence 34, Appl	757	2	20.0	5	3	US-10-338-731-1	Sequence 1, Appli
C 685	3	30.0	81	3	US-09-603-658-34	Sequence 34, Appl	C 758	2	20.0	5	3	US-10-338-731-1	Sequence 1, Appli
C 686	3	30.0	81	3	US-09-603-658-34	Sequence 34, Appl	759	2	20.0	6	2	US-08-169-950-4	Sequence 4, Appli
C 687	3	30.0	81	3	US-09-602-373A-34	Sequence 34, Appl	C 760	2	20.0	6	2	US-08-169-950-4	Sequence 4, Appli
C 688	3	30.0	81	3	US-09-602-373A-34	Sequence 34, Appl	761	2	20.0	6	2	US-08-133-179-7	Sequence 7, Appli
C 689	3	30.0	81	3	US-09-703-399A-36	Sequence 36, Appl	C 762	2	20.0	6	2	US-08-133-179-7	Sequence 7, Appli
C 690	3	30.0	81	3	US-09-703-399A-36	Sequence 36, Appl	763	2	20.0	6	2	US-08-692-825-19	Sequence 19, Appl
C 691	3	30.0	84	3	US-09-603-663-61	Sequence 61, Appl	C 764	2	20.0	6	2	US-08-692-825-19	Sequence 19, Appl
C 692	3	30.0	84	3	US-09-603-663-61	Sequence 61, Appl	765	2	20.0	6	2	US-08-468-819-25	Sequence 25, Appl
C 693	3	30.0	84	3	US-09-603-658-61	Sequence 61, Appl	C 766	2	20.0	6	2	US-08-468-819-25	Sequence 25, Appl
C 694	3	30.0	84	3	US-09-603-658-61	Sequence 61, Appl	767	2	20.0	6	3	US-09-037-135-2	Sequence 2, Appli
C 695	3	30.0	84	3	US-09-602-373A-61	Sequence 61, Appl	C 768	2	20.0	6	3	US-09-037-135-2	Sequence 2, Appli
C 696	3	30.0	84	3	US-09-602-373A-61	Sequence 61, Appl	769	2	20.0	6	3	US-08-895-495-19	Sequence 19, Appl
C 697	3	30.0	84	3	US-09-703-399A-58	Sequence 58, Appl	C 770	2	20.0	6	3	US-08-895-495-19	Sequence 19, Appl
C 698	3	30.0	84	3	US-09-703-399A-58	Sequence 58, Appl	771	2	20.0	6	3	US-09-404-670-1	Sequence 1, Appli
C 699	3	30.0	84	3	US-09-513-999C-25247	Sequence 58, Appl	C 772	2	20.0	6	3	US-09-404-670-1	Sequence 1, Appli
C 700	3	30.0	84	3	US-09-513-999C-25247	Sequence 58, Appl	773	2	20.0	6	3	US-09-404-670-1	Sequence 1, Appli
C 701	3	30.0	85	3	US-09-513-999C-25247	Sequence 25247, A	C 774	2	20.0	6	3	US-09-404-671-1	Sequence 1, Appli
C 702	3	30.0	85	3	US-09-621-976-13884	Sequence 13884, A	775	2	20.0	6	3	US-09-404-671-1	Sequence 1, Appli
C 703	3	30.0	85	3	US-09-621-976-13884	Sequence 13884, A	C 776	2	20.0	6	3	US-08-646-301A-12	Sequence 12, Appl
C 704	3	30.0	87	3	US-09-513-999C-18169	Sequence 18169, A	777	2	20.0	6	3	US-08-646-301A-12	Sequence 12, Appl
C 705	3	30.0	87	3	US-09-513-999C-18169	Sequence 18169, A	C 778	2	20.0	6	3	US-09-030-701-1	Sequence 1, Appli
C 706	3	30.0	91	3	US-09-328-750A-5	Sequence 5, Appli	779	2	20.0	6	3	US-09-030-701-1	Sequence 1, Appli
C 707	3	30.0	92	2	US-09-328-750A-5	Sequence 5, Appli	C 780	2	20.0	6	3	US-09-286-098-101	Sequence 101, App
C 708	3	30.0	92	2	US-08-353-372A-16	Sequence 16, Appl	781	2	20.0	6	3	US-09-286-098-101	Sequence 101, App
C 709	3	30.0	92	2	US-09-513-999C-18840	Sequence 16, Appl	C 782	2	20.0	6	3	US-09-401-869-1	Sequence 1, Appli
C 710	3	30.0	92	3	US-09-513-999C-18840	Sequence 18840, A	783	2	20.0	6	3	US-09-401-869-1	Sequence 1, Appli
C 711	3	30.0	96	3	US-09-240-078-28	Sequence 28, Appl	C 784	2	20.0	6	3	US-09-401-870-1	Sequence 1, Appli
C 712	3	30.0	96	3	US-09-240-078-28	Sequence 28, Appl	785	2	20.0	6	3	US-09-401-870-1	Sequence 1, Appli
C 713	3	30.0	96	3	US-09-240-078-28	Sequence 28, Appl	C 786	2	20.0	6	3	US-09-404-056-1	Sequence 1, Appli
C 714	3	30.0	96	3	US-09-240-078-29	Sequence 29, Appl	787	2	20.0	6	3	US-09-404-056-1	Sequence 1, Appli
C 715	3	30.0	96	3	US-09-240-078-31	Sequence 31, Appl	C 788	2	20.0	6	3	US-09-325-193A-87	Sequence 87, Appl
C 716	3	30.0	96	3	US-09-240-078-31	Sequence 31, Appl	789	2	20.0	6	3	US-09-325-193A-87	Sequence 87, Appl
C 717	3	30.0	97	3	US-08-952-793-272	Sequence 272, App	C 790	2	20.0	6	3	US-09-632-538C-10	Sequence 10, Appl
C 718	3	30.0	97	3	US-08-952-793-272	Sequence 272, App	791	2	20.0	6	3	US-09-632-538C-10	Sequence 10, Appl
C 719	3	30.0	97	3	US-09-849-928-272	Sequence 272, App	C 792	2	20.0	6	3	US-09-213-383-25	Sequence 25, Appl
C 720	3	30.0	97	3	US-09-849-928-272	Sequence 272, App	793	2	20.0	6	3	US-09-213-383-25	Sequence 25, Appl
C 721	3	30.0	97	3	US-09-513-999C-30390	Sequence 272, App	C 794	2	20.0	6	3	US-09-672-126B-70	Sequence 70, Appl
C 722	3	30.0	97	3	US-09-513-999C-30390	Sequence 30390, A	795	2	20.0	6	3	US-09-672-126B-70	Sequence 70, Appl
C 723	3	30.0	97	6	PCT-US96-09455A-272	Sequence 30390, A	C 796	2	20.0	6	3	US-09-882-274-5	Sequence 5, Appli
C 724	3	30.0	97	6	PCT-US96-09455A-272	Sequence 272, App	797	2	20.0	7	2	US-09-882-274-5	Sequence 5, Appli
C 725	3	30.0	98	3	US-09-513-999C-20023	Sequence 272, App	C 798	2	20.0	7	2	US-08-853-703A-1	Sequence 1, Appli
C 726	3	30.0	98	3	US-09-513-999C-20023	Sequence 20023, A	799	2	20.0	7	2	US-08-853-703A-1	Sequence 1, Appli
C 727	3	30.0	98	3	US-09-513-999C-34152	Sequence 20023, A	C 800	2	20.0	7	3	US-09-134-246-2	Sequence 2, Appli
C 728	3	30.0	98	3	US-09-513-999C-34152	Sequence 34152, A	801	2	20.0	7	3	US-09-134-246-2	Sequence 2, Appli
C 729	3	30.0	100	3	US-09-513-999C-29839	Sequence 34152, A	C 802	2	20.0	7	3	US-09-641-540-21	Sequence 21, Appl
C 730	3	30.0	100	3	US-09-513-999C-29839	Sequence 29839, A	803	2	20.0	7	3	US-09-641-540-21	Sequence 21, Appl
C 731	2	20.0	4	2	US-08-368-071-5	Sequence 29839, A	C 804	2	20.0	7	3	US-09-664-186-2	Sequence 2, Appli
C 732	2	20.0	4	2	US-08-368-071-5	Sequence 5, Appli	805	2	20.0	7	3	US-09-664-186-2	Sequence 2, Appli
C 733	2	20.0	4	2	US-08-458-181-5	Sequence 5, Appli	C 806	2	20.0	7	3	US-09-672-126B-117	Sequence 117, App
C 734	2	20.0	4	2	US-08-458-181-5	Sequence 5, Appli	807	2	20.0	7	3	US-09-672-126B-117	Sequence 117, App
C 735	2	20.0	4	6	PCT-US93-02172-5	Sequence 5, Appli	C 808	2	20.0	7	3	PCT-US94-05659-13	Sequence 13, Appl
C 736	2	20.0	4	6	PCT-US93-02172-5	Sequence 5, Appli	809	2	20.0	7	3	PCT-US94-05659-13	Sequence 13, Appl
C 737	2	20.0	5	2	US-07-630-288A-1	Sequence 1, Appli	C 810	2	20.0	7	3	PCT-US95-04092-12	Sequence 12, Appl
C 738	2	20.0	5	2	US-07-630-288A-1	Sequence 1, Appli	811	2	20.0	7	3	PCT-US95-04092-12	Sequence 12, Appl
C 739	2	20.0	5	2	US-07-630-288A-43	Sequence 43, Appl	C 812	2	20.0	7	3	US-08-347-826A-13	Sequence 13, Appl
C 740	2	20.0	5	2	US-07-630-288A-43	Sequence 43, Appl	813	2	20.0	7	6	US-08-347-826A-13	Sequence 13, Appl
C 741	2	20.0	5	2	US-08-468-049-1	Sequence 1, Appli	C 814	2	20.0	7	6	US-08-903-624-17	Sequence 17, Appl
C 742	2	20.0	5	2	US-08-468-049-1	Sequence 1, Appli	815	2	20.0	7	6	US-08-903-624-17	Sequence 17, Appl
C 743	2	20.0	5	2	US-08-468-049-43	Sequence 43, Appl	C 816	2	20.0	7	6	US-08-646-301A-10	Sequence 10, Appl
C 744	2	20.0	5	2	US-08-468-049-43	Sequence 43, Appl	817	2	20.0	7	6	US-08-646-301A-10	Sequence 10, Appl
C 745	2	20.0	5	3	US-09-933-313B-5	Sequence 5, Appli	C 818	2	20.0	8	2	US-09-030-701-3	Sequence 3, Appli
C 746	2	20.0	5	3	US-09-933-313B-5	Sequence 5, Appli	819	2	20.0	8	2	US-09-030-701-3	Sequence 3, Appli
C 747	2	20.0	5	3	US-09-933-313B-5	Sequence 5, Appli	C 820	2	20.0	8	2	US-08-705-477E-106	Sequence 106, App
C 748	2	20.0	5	3	US-10-037-927B-7	Sequence 7, Appli	821	2	20.0	8	3	US-08-705-477E-106	Sequence 106, App
C 749	2	20.0	5	3	US-10-037-927B-7	Sequence 7, Appli	C 822	2	20.0	8	3	US-08-705-477E-106	Sequence 106, App
C 750	2	20.0	5	3	US-09-975-413A-7	Sequence 7, Appli	823	2	20.0	8	3	US-08-705-477E-106	Sequence 106, App
C 751	2	20.0	5	3	US-09-957-005-6	Sequence 6, Appli	C 824	2	20.0	8	3	US-08-705-477E-106	Sequence 106, App
C 752	2	20.0	5	3	US-09-957-005-6	Sequence 6, Appli	825	2	20.0	8	3	US-08-705-477E-106	Sequence 106, App
C 753	2	20.0	5	3	US-09-510-238A-4	Sequence 4, Appli	C 826	2	20.0	8	3	US-08-705-477E-106	Sequence 106, App
C 754	2	20.0	5	3	US-09-510-238A-4	Sequence 4, Appli	827	2	20.0	8	3	US-08-705-477E-106	Sequence 106, App

C 828	2	20.0	8	3	US-08-705-477E-108	Sequence 108, App	901	2	20.0	10	2	US-08-479-724A-170	Sequence 170, App
C 829	2	20.0	8	3	US-09-601-537-21	Sequence 21, Appl	C 902	2	20.0	10	2	US-08-479-724A-170	Sequence 170, App
C 830	2	20.0	8	3	US-09-601-537-21	Sequence 21, Appl	C 903	2	20.0	10	2	US-08-591-989-58	Sequence 58, Appl
C 831	2	20.0	8	3	US-09-915-060A-19	Sequence 19, Appl	C 904	2	20.0	10	2	US-08-591-989-58	Sequence 58, Appl
C 832	2	20.0	8	3	US-09-915-060A-19	Sequence 19, Appl	C 905	2	20.0	10	2	US-08-414-398-1	Sequence 1, Appl
C 833	2	20.0	9	2	US-08-566-037A-1	Sequence 1, Appl	C 906	2	20.0	10	2	US-08-414-398-1	Sequence 1, Appl
C 834	2	20.0	9	2	US-08-566-037A-1	Sequence 1, Appl	C 907	2	20.0	10	2	US-08-590-571-14	Sequence 14, Appl
C 835	2	20.0	9	2	US-08-566-037A-6	Sequence 6, Appl	C 908	2	20.0	10	2	US-08-590-571-14	Sequence 14, Appl
C 836	2	20.0	9	2	US-08-566-037A-6	Sequence 6, Appl	C 909	2	20.0	10	2	US-08-627-151A-19	Sequence 19, Appl
C 837	2	20.0	9	2	US-08-153-848-20	Sequence 20, Appl	C 910	2	20.0	10	2	US-08-627-151A-19	Sequence 19, Appl
C 838	2	20.0	9	2	US-08-153-848-20	Sequence 20, Appl	C 911	2	20.0	10	2	US-08-676-279-30	Sequence 30, Appl
C 839	2	20.0	9	2	US-08-488-015B-20	Sequence 20, Appl	C 912	2	20.0	10	2	US-08-676-279-30	Sequence 30, Appl
C 840	2	20.0	9	2	US-08-488-015B-20	Sequence 20, Appl	C 913	2	20.0	10	2	US-08-480-473B-19	Sequence 19, Appl
C 841	2	20.0	9	2	US-08-667-023-12	Sequence 12, Appl	C 914	2	20.0	10	2	US-08-480-473B-19	Sequence 19, Appl
C 842	2	20.0	9	2	US-08-667-023-12	Sequence 12, Appl	C 915	2	20.0	10	2	US-08-737-371A-12	Sequence 12, Appl
C 843	2	20.0	9	2	US-08-224-482-10	Sequence 10, Appl	C 916	2	20.0	10	2	US-08-737-371A-12	Sequence 12, Appl
C 844	2	20.0	9	2	US-08-224-482-10	Sequence 10, Appl	C 917	2	20.0	10	2	US-08-737-371A-12	Sequence 12, Appl
C 845	2	20.0	9	2	US-08-590-571-66	Sequence 66, Appl	C 918	2	20.0	10	2	US-08-737-371A-13	Sequence 13, Appl
C 846	2	20.0	9	2	US-08-590-571-66	Sequence 66, Appl	C 919	2	20.0	10	2	US-08-737-371A-13	Sequence 13, Appl
C 847	2	20.0	9	2	US-08-480-473B-26	Sequence 26, Appl	C 920	2	20.0	10	2	US-08-737-371A-14	Sequence 14, Appl
C 848	2	20.0	9	2	US-08-480-473B-26	Sequence 26, Appl	C 921	2	20.0	10	2	US-08-737-371A-14	Sequence 14, Appl
C 849	2	20.0	9	3	US-08-915-213-26	Sequence 26, Appl	C 922	2	20.0	10	2	US-08-684-547-12	Sequence 12, Appl
C 850	2	20.0	9	3	US-08-915-213-26	Sequence 26, Appl	C 923	2	20.0	10	2	US-08-684-547-12	Sequence 12, Appl
C 851	2	20.0	9	3	US-08-335-865J-12	Sequence 12, Appl	C 924	2	20.0	10	2	US-08-822-701-6	Sequence 6, Appl
C 852	2	20.0	9	3	US-08-335-865J-12	Sequence 12, Appl	C 925	2	20.0	10	2	US-08-822-701-6	Sequence 6, Appl
C 853	2	20.0	9	3	US-09-299-843A-20	Sequence 20, Appl	C 926	2	20.0	10	2	US-08-927-722-16	Sequence 16, Appl
C 854	2	20.0	9	3	US-09-299-843A-20	Sequence 20, Appl	C 927	2	20.0	10	2	US-08-927-722-16	Sequence 16, Appl
C 855	2	20.0	9	3	US-09-258-367-17	Sequence 17, Appl	C 928	2	20.0	10	2	US-08-724-354D-13	Sequence 13, Appl
C 856	2	20.0	9	3	US-09-258-367-17	Sequence 17, Appl	C 929	2	20.0	10	3	US-08-724-354D-13	Sequence 13, Appl
C 857	2	20.0	9	3	US-08-973-068-55	Sequence 55, Appl	C 930	2	20.0	10	3	US-08-472-256B-170	Sequence 170, App
C 858	2	20.0	9	3	US-08-973-068-55	Sequence 55, Appl	C 931	2	20.0	10	3	US-08-472-256B-170	Sequence 170, App
C 859	2	20.0	9	3	US-09-235-217-26	Sequence 26, Appl	C 932	2	20.0	10	3	US-08-915-213-19	Sequence 19, Appl
C 860	2	20.0	9	3	US-09-235-217-26	Sequence 26, Appl	C 933	2	20.0	10	3	US-08-915-213-19	Sequence 19, Appl
C 861	2	20.0	9	3	US-09-163-485-16	Sequence 16, Appl	C 934	2	20.0	10	3	US-09-270-984A-13	Sequence 13, Appl
C 862	2	20.0	9	3	US-09-163-485-16	Sequence 16, Appl	C 935	2	20.0	10	3	US-09-270-984A-13	Sequence 13, Appl
C 863	2	20.0	9	3	US-09-546-550-17	Sequence 17, Appl	C 936	2	20.0	10	3	US-08-935-855-6	Sequence 6, Appl
C 864	2	20.0	9	3	US-09-546-550-17	Sequence 17, Appl	C 937	2	20.0	10	3	US-08-935-855-6	Sequence 6, Appl
C 865	2	20.0	9	3	US-09-431-414-17	Sequence 17, Appl	C 938	2	20.0	10	3	US-08-974-549A-105	Sequence 105, App
C 866	2	20.0	9	3	US-09-431-414-17	Sequence 17, Appl	C 939	2	20.0	10	3	US-08-974-549A-105	Sequence 105, App
C 867	2	20.0	9	3	US-09-225-670-17	Sequence 17, Appl	C 940	2	20.0	10	3	US-09-235-217-19	Sequence 19, Appl
C 868	2	20.0	9	3	US-09-225-670-17	Sequence 17, Appl	C 941	2	20.0	10	3	US-09-235-217-19	Sequence 19, Appl
C 869	2	20.0	9	3	US-09-008-097-9	Sequence 9, Appl	C 942	2	20.0	10	3	US-08-952-793-183	Sequence 183, App
C 870	2	20.0	9	3	US-09-008-097-9	Sequence 9, Appl	C 943	2	20.0	10	3	US-08-952-793-183	Sequence 183, App
C 871	2	20.0	9	3	US-08-623-428D-61	Sequence 61, Appl	C 944	2	20.0	10	3	US-08-623-428D-56	Sequence 56, Appl
C 872	2	20.0	9	3	US-08-623-428D-61	Sequence 61, Appl	C 945	2	20.0	10	3	US-08-623-428D-56	Sequence 56, Appl
C 873	2	20.0	9	3	US-08-709-731A-4	Sequence 4, Appl	C 946	2	20.0	10	3	US-08-927-165A-39	Sequence 39, Appl
C 874	2	20.0	9	3	US-08-709-731A-4	Sequence 4, Appl	C 947	2	20.0	10	3	US-08-927-165A-39	Sequence 39, Appl
C 875	2	20.0	9	3	US-09-431-349C-17	Sequence 17, Appl	C 948	2	20.0	10	3	US-09-378-069A-16	Sequence 16, Appl
C 876	2	20.0	9	3	US-09-431-349C-17	Sequence 17, Appl	C 949	2	20.0	10	3	US-09-378-069A-16	Sequence 16, Appl
C 877	2	20.0	9	3	US-09-088-337B-20	Sequence 20, Appl	C 950	2	20.0	10	3	US-08-912-951-105	Sequence 105, App
C 878	2	20.0	9	3	US-09-088-337B-20	Sequence 20, Appl	C 951	2	20.0	10	3	US-08-912-951-105	Sequence 105, App
C 879	2	20.0	9	3	US-09-305-839-45	Sequence 45, Appl	C 952	2	20.0	10	3	US-09-087-031E-8	Sequence 8, Appl
C 880	2	20.0	9	3	US-09-305-839-45	Sequence 45, Appl	C 953	2	20.0	10	3	US-09-087-031E-8	Sequence 8, Appl
C 881	2	20.0	9	3	US-08-803-263-13	Sequence 13, Appl	C 954	2	20.0	10	3	US-08-600-203-6	Sequence 6, Appl
C 882	2	20.0	9	3	US-08-803-263-13	Sequence 13, Appl	C 955	2	20.0	10	3	US-08-600-203-6	Sequence 6, Appl
C 883	2	20.0	9	3	US-09-472-667-9	Sequence 9, Appl	C 956	2	20.0	10	3	US-09-849-928-183	Sequence 183, App
C 884	2	20.0	9	3	US-09-472-667-9	Sequence 9, Appl	C 957	2	20.0	10	3	US-09-849-928-183	Sequence 183, App
C 885	2	20.0	9	6	PCT-US93-11153-20	Sequence 20, Appl	C 958	2	20.0	10	3	US-08-705-477E-107	Sequence 107, App
C 886	2	20.0	9	6	PCT-US93-11153-20	Sequence 20, Appl	C 959	2	20.0	10	3	US-08-705-477E-107	Sequence 107, App
C 887	2	20.0	9	6	PCT-US96-10251-26	Sequence 26, Appl	C 960	2	20.0	10	3	US-09-548-880B-2	Sequence 2, Appl
C 888	2	20.0	9	6	PCT-US96-10251-26	Sequence 26, Appl	C 961	2	20.0	10	3	US-09-548-880B-2	Sequence 2, Appl
C 889	2	20.0	10	2	US-08-235-503B-3	Sequence 3, Appl	C 962	2	20.0	10	3	US-09-402-181B-105	Sequence 105, App
C 890	2	20.0	10	2	US-08-235-503B-3	Sequence 3, Appl	C 963	2	20.0	10	3	US-09-402-181B-105	Sequence 105, App
C 891	2	20.0	10	2	US-08-351-748-12	Sequence 12, Appl	C 964	2	20.0	10	3	US-09-721-456-105	Sequence 105, App
C 892	2	20.0	10	2	US-08-351-748-12	Sequence 12, Appl	C 965	2	20.0	10	3	US-09-721-456-105	Sequence 105, App
C 893	2	20.0	10	2	US-08-430-536A-12	Sequence 12, Appl	C 966	2	20.0	10	3	US-08-961-888-5	Sequence 5, Appl
C 894	2	20.0	10	2	US-08-430-536A-12	Sequence 12, Appl	C 967	2	20.0	10	3	US-08-961-888-5	Sequence 5, Appl
C 895	2	20.0	10	2	US-08-122-433-14	Sequence 14, Appl	C 968	2	20.0	10	3	US-08-260-190-20	Sequence 20, Appl
C 896	2	20.0	10	2	US-08-122-433-14	Sequence 14, Appl	C 969	2	20.0	10	3	US-08-260-190-20	Sequence 20, Appl
C 897	2	20.0	10	2	US-08-250-740-36	Sequence 36, Appl	C 970	2	20.0	10	3	US-09-744-072-24	Sequence 24, Appl
C 898	2	20.0	10	2	US-08-250-740-36	Sequence 36, Appl	C 971	2	20.0	10	6	PCT-US93-02246-12	Sequence 12, Appl
C 899	2	20.0	10	2	US-08-472-255A-170	Sequence 170, App	C 972	2	20.0	10	6	PCT-US93-02246-12	Sequence 12, Appl
C 900	2	20.0	10	2	US-08-472-255A-170	Sequence 170, App	C 973	2	20.0	10	6	PCT-US93-08386-21	Sequence 21, Appl


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RESULT 3
US-08-688-145-3
; Sequence 3, Application US/08688145
; Patent No. 5744310
; GENERAL INFORMATION:
; APPLICANT: Reed, John C.
; TITLE OF INVENTION: BAX Promoter Sequence and Screening
; Patent No. 5744310
; TITLE OF INVENTION: Assays for Identifying Agents that Regulate BAX Gene
; TITLE OF INVENTION: Expression
; NUMBER OF SEQUENCES: 20
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Campbell and Flores
; STREET: 4370 La Jolla Village Drive
; CITY: San Diego
; STATE: California
; COUNTRY: USA
; ZIP: 92122
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/688,145
; FILING DATE:
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Campbell, Cathryn A.
; REGISTRATION NUMBER: 31,815
; REFERENCE/DOCKET NUMBER: P-LJ 1951
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (619) 535-9001
; TELEFAX: (619) 535-8949
; INFORMATION FOR SEQ ID NO: 3:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 10 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: double
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; US-08-688-145-3
; Query Match 100.0%; Score 10; DB 2; Length 10;
; Best Local Similarity 100.0%; Pred. No. 0;
; Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 RRRCWGYY 10
Db 1 RRRCWGYY 1

RESULT 4
US-08-688-145-3
; Sequence 3, Application US/08688145
; Patent No. 5744310
; GENERAL INFORMATION:
; APPLICANT: Reed, John C.
; TITLE OF INVENTION: BAX Promoter Sequence and Screening
; Patent No. 5744310
; TITLE OF INVENTION: Assays for Identifying Agents that Regulate BAX Gene
; TITLE OF INVENTION: Expression
; NUMBER OF SEQUENCES: 20
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Campbell and Flores
; STREET: 4370 La Jolla Village Drive
; CITY: San Diego
; STATE: California
; COUNTRY: USA
; ZIP: 92122
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/838,844
; FILING DATE: 11-APR-1997
; CLASSIFICATION: 536
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/182,619
; FILING DATE: 14-JAN-1994
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/330,535
; FILING DATE: 27-OCT-1994
; ATTORNEY/AGENT INFORMATION:
; NAME: Campbell, Cathryn A.
; REGISTRATION NUMBER: 31,815
; REFERENCE/DOCKET NUMBER: P-LJ 2520
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (619) 535-9001
; TELEFAX: (619) 535-8949
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; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/688,145
; FILING DATE:
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Campbell, Cathryn A.
; REGISTRATION NUMBER: 31,815
; REFERENCE/DOCKET NUMBER: P-LJ 1951
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (619) 535-9001
; TELEFAX: (619) 535-8949
; INFORMATION FOR SEQ ID NO: 3:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 10 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: double
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; US-08-688-145-3
; Query Match 100.0%; Score 10; DB 2; Length 10;
; Best Local Similarity 100.0%; Pred. No. 0;
; Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 RRRCWGYY 10
Db 10 RRRCWGYY 1

RESULT 5
US-08-838-844-30
; Sequence 30, Application US/08838844
; Patent No. 5908750
; GENERAL INFORMATION:
; APPLICANT: Reed, John C.
; APPLICANT: Miyashita, Toshiyuki
; APPLICANT: Harigai, Masayoshi
; APPLICANT: Hanada, Motoi
; TITLE OF INVENTION: SCREENING ASSAYS FOR IDENTIFYING AGENTS
; TITLE OF INVENTION: THAT REGULATE THE EXPRESSION OF GENES INVOLVED IN CELL
; NUMBER OF SEQUENCES: 30
; TITLE OF INVENTION: DEATH
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Campbell & Flores LLP
; STREET: 4370 La Jolla Village Drive, Suite 700
; CITY: San Diego
; STATE: California
; COUNTRY: USA
; ZIP: 92122
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/838,844
; FILING DATE: 11-APR-1997
; CLASSIFICATION: 536
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/182,619
; FILING DATE: 14-JAN-1994
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/330,535
; FILING DATE: 27-OCT-1994
; ATTORNEY/AGENT INFORMATION:
; NAME: Campbell, Cathryn A.
; REGISTRATION NUMBER: 31,815
; REFERENCE/DOCKET NUMBER: P-LJ 2520
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (619) 535-9001
; TELEFAX: (619) 535-8949
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; INFORMATION FOR SEQ ID NO: 30:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 10 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: double
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
US-08-838-844-30

Query Match      100.0%; Score 10; DB 2; Length 10;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 RRCWGWYYY 10
Db 1 RRCWGWYYY 10

RESULT 6
US-08-838-844-30/c
; Sequence 30, Application US/08838844
; Patent No. 5908750
; GENERAL INFORMATION:
; APPLICANT: Reed, John C.
; APPLICANT: Miyashita, Toshiyuki
; APPLICANT: Harigai, Masayoshi
; APPLICANT: Hanada, Motoi
; TITLE OF INVENTION: SCREENING ASSAYS FOR IDENTIFYING AGENTS
; TITLE OF INVENTION: THAT REGULATE THE EXPRESSION OF GENES INVOLVED IN CELL
; TITLE OF INVENTION: DEATH
; NUMBER OF SEQUENCES: 30
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Campbell & Flores LLP
; STREET: 4370 La Jolla Village Drive, Suite 700
; CITY: San Diego
; STATE: California
; COUNTRY: USA
; ZIP: 92122
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/838,844
; FILING DATE: 11-APR-1997
; CLASSIFICATION: 536
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/182,619
; FILING DATE: 14-JAN-1994
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/330,535
; FILING DATE: 27-OCT-1994
; ATTORNEY/AGENT INFORMATION:
; NAME: Campbell, Cathryn A.
; REGISTRATION NUMBER: 31,815
; REFERENCE/DOCKET NUMBER: P-LJ 2520
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (619) 535-9001
; TELEFAX: (619) 535-8949
; INFORMATION FOR SEQ ID NO: 30:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 10 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: double
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
US-08-838-844-30

Query Match      100.0%; Score 10; DB 2; Length 10;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

; INFORMATION FOR SEQ ID NO: 30:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 10 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: double
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
US-08-838-844-30

Query Match      100.0%; Score 10; DB 2; Length 10;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 RRCWGWYYY 10
Db 1 RRCWGWYYY 10

RESULT 7
US-08-299-074A-3
; Sequence 3, Application US/08299074A
; Patent No. 5955263
; GENERAL INFORMATION:
; APPLICANT: Vogelstein, Bert
; APPLICANT: Kinzler, Kenneth
; APPLICANT: Sherman, Michael
; TITLE OF INVENTION: SEQUENCE SPECIFIC DNA BINDING
; TITLE OF INVENTION: BY P53
; NUMBER OF SEQUENCES: 41
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Banner & Witcoff
; STREET: 1001 G Street, NW
; CITY: Washington
; STATE: DC
; COUNTRY: USA
; ZIP: 20001
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS
; SOFTWARE: FastSeq for Windows Version 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/299,074A
; FILING DATE: 01-SEP-1994
; CLASSIFICATION: 536
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 07/860,758
; FILING DATE: 31-MAR-1992
; APPLICATION NUMBER: 07/715,182
; FILING DATE: 14-JUN-1991
; ATTORNEY/AGENT INFORMATION:
; NAME: Kagan, Sarah A
; REGISTRATION NUMBER: 32141
; REFERENCE/DOCKET NUMBER: 01107.47071
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 202-508-9100
; TELEFAX: 202-508-9299
; TELE:
; INFORMATION FOR SEQ ID NO: 3:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 10 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-299-074A-3

Query Match      100.0%; Score 10; DB 2; Length 10;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 RRCWGWYYY 10
Db 1 RRCWGWYYY 10

RESULT 8
US-08-299-074A-3/c
; Sequence 3, Application US/08299074A
; Patent No. 5955263
; GENERAL INFORMATION:
; APPLICANT: Vogelstein, Bert
; APPLICANT: Kinzler, Kenneth
; APPLICANT: Sherman, Michael
; TITLE OF INVENTION: SEQUENCE SPECIFIC DNA BINDING
; TITLE OF INVENTION: BY P53
; NUMBER OF SEQUENCES: 41
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; INFORMATION FOR SEQ ID NO: 3:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 10 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-09-399-773-3

Query Match 100.0%; Score 10; DB 3; Length 10;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 RRCRCWGYYY 10
| | | | | | | | | |
Db 1 RRCRCWGYYY 10

RESULT 12
US-09-399-773-3/c
; Sequence 3, Application US/09399773
; Patent No. 6245515
; GENERAL INFORMATION:
; APPLICANT: Vogelstein, Bert
; APPLICANT: Kinzler, Kenneth
; APPLICANT: Sherman, Michael
; TITLE OF INVENTION: SEQUENCE SPECIFIC DNA BINDING
; TITLE OF INVENTION: BY P53
; NUMBER OF SEQUENCES: 41
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Banner & Witcoff
; STREET: 1001 G Street, NW
; CITY: Washington
; STATE: DC
; COUNTRY: USA
; ZIP: 20001

; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS
; SOFTWARE: FastSeq for Windows Version 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/399,773
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/299,074
; FILING DATE:
; APPLICATION NUMBER: 07/715,182
; FILING DATE: 14-JUN-1991
; ATTORNEY/AGENT INFORMATION:
; NAME: Kagan, Sarah A
; REGISTRATION NUMBER: 32141
; REFERENCE/DOCKET NUMBER: 01107.47071
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 202-508-9100
; TELEFAX: 202-508-9299

; INFORMATION FOR SEQ ID NO: 3:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 10 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-09-399-773-3

Query Match 100.0%; Score 10; DB 3; Length 10;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 RRCRCWGYYY 10
| | | | | | | | | |
Db 10 RRCRCWGYYY 1

RESULT 13
US-09-928-385B-24
; Sequence 24, Application US/09928385B
; Patent No. 6544746
; GENERAL INFORMATION:
; APPLICANT: Heyduk, Tomasz
; TITLE OF INVENTION: A Rapid and Sensitive Proximity-Based Assay for the Detection
; TITLE OF INVENTION: and Quantification of DNA Binding Proteins
; FILE REFERENCE: 16153-7963
; CURRENT APPLICATION NUMBER: US/09/928,385B
; CURRENT FILING DATE: 2002-01-14
; NUMBER OF SEQ ID NOS: 24
; SEQ ID NO 24
; LENGTH: 10
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY:
; LOCATION:
; OTHER INFORMATION: These sequences were chemically synthesized,
; OTHER INFORMATION: but may also be created via recombinant methods.
US-09-928-385B-24

Query Match 100.0%; Score 10; DB 3; Length 10;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 RRCRCWGYYY 10
| | | | | | | | | |
Db 1 RRCRCWGYYY 10

RESULT 14
US-09-928-385B-24/c
; Sequence 24, Application US/09928385B
; Patent No. 6544746
; GENERAL INFORMATION:
; APPLICANT: Heyduk, Tomasz
; TITLE OF INVENTION: A Rapid and Sensitive Proximity-Based Assay for the Detection
; TITLE OF INVENTION: and Quantification of DNA Binding Proteins
; FILE REFERENCE: 16153-7963
; CURRENT APPLICATION NUMBER: US/09/928,385B
; CURRENT FILING DATE: 2002-01-14
; NUMBER OF SEQ ID NOS: 24
; SEQ ID NO 24
; LENGTH: 10
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY:
; LOCATION:
; OTHER INFORMATION: These sequences were chemically synthesized,
; OTHER INFORMATION: but may also be created via recombinant methods.
US-09-928-385B-24

Query Match 100.0%; Score 10; DB 3; Length 10;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 RRCRCWGYYY 10
| | | | | | | | | |
Db 10 RRCRCWGYYY 1

RESULT 15
US-08-260-190-21
; Sequence 21, Application US/08260190A
; Patent No. 6774117
; GENERAL INFORMATION:
; APPLICANT: Zavada, Jan
; APPLICANT: Pastorekova, Silvia
; APPLICANT: Pastorek, Jaromir

```
; TITLE OF INVENTION: MN Gene and Protein
; FILE REFERENCE: D-0021-2
; CURRENT APPLICATION NUMBER: US/08/260,190A
; CURRENT FILING DATE: 1994-06-15
; EARLIER APPLICATION NUMBER: 08/177,093
; EARLIER FILING DATE: 1993-12-30
; EARLIER APPLICATION NUMBER: 07/964,589
; EARLIER FILING DATE: 1992-10-21
; EARLIER APPLICATION NUMBER: PV-709-92
; EARLIER FILING DATE: 1992-03-11
; NUMBER OF SEQ ID NOS: 26
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 21
; LENGTH: 10
; TYPE: DNA
; ORGANISM: HUMAN
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (1)..(10)
US-08-260-190-21

Query Match      100.0%; Score 10; DB 3; Length 10;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 RRRCCWGGYY 10
Db 1 RRRCCWGGYY 10

RESULT 16
US-08-260-190-21/c
; Sequence 21, Application US/08260190A
; Patent No. 6774117
; GENERAL INFORMATION:
; APPLICANT: Zavada, Jan
; APPLICANT: Pastorekova, Silvia
; APPLICANT: Pastorek, Jaromir
; TITLE OF INVENTION: MN Gene and Protein
; FILE REFERENCE: D-0021-2
; CURRENT APPLICATION NUMBER: US/08/260,190A
; CURRENT FILING DATE: 1994-06-15
; EARLIER APPLICATION NUMBER: 08/177,093
; EARLIER FILING DATE: 1993-12-30
; EARLIER APPLICATION NUMBER: 07/964,589
; EARLIER FILING DATE: 1992-10-21
; EARLIER APPLICATION NUMBER: PV-709-92
; EARLIER FILING DATE: 1992-03-11
; NUMBER OF SEQ ID NOS: 26
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 21
; LENGTH: 10
; TYPE: DNA
; ORGANISM: HUMAN
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (1)..(10)
US-08-260-190-21

Query Match      100.0%; Score 10; DB 3; Length 10;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 RRRCCWGGYY 10
Db 1 RRRCCWGGYY 10

RESULT 17
US-09-210-748A-6
; Sequence 6, Application US/09210748A
; Patent No. 6335156
; GENERAL INFORMATION:
; APPLICANT: Hermeking, Heiko
; APPLICANT: Vogelstein, Bert
; APPLICANT: Kinzler, Kenneth
; TITLE OF INVENTION: 14-3-3 SIGMA ARREST THE CELL CYCLE
; FILE REFERENCE: 1107.77810
; CURRENT APPLICATION NUMBER: US/09/210,748A
; CURRENT FILING DATE: 1998-12-15
; PRIOR APPLICATION NUMBER: 60/069,416
; PRIOR FILING DATE: 1997-12-18
; NUMBER OF SEQ ID NOS: 18
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 6
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-210-748A-6

Query Match      100.0%; Score 10; DB 3; Length 20;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 RRRCCWGGYY 10
Db 1 RRRCCWGGYY 10

RESULT 18
US-09-210-748A-6/c
; Sequence 6, Application US/09210748A
; Patent No. 6335156
; GENERAL INFORMATION:
; APPLICANT: Hermeking, Heiko
; APPLICANT: Vogelstein, Bert
; APPLICANT: Kinzler, Kenneth
; TITLE OF INVENTION: 14-3-3 SIGMA ARREST THE CELL CYCLE
; FILE REFERENCE: 1107.77810
; CURRENT APPLICATION NUMBER: US/09/210,748A
; CURRENT FILING DATE: 1998-12-15
; PRIOR APPLICATION NUMBER: 60/069,416
; PRIOR FILING DATE: 1997-12-18
; NUMBER OF SEQ ID NOS: 18
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 6
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-210-748A-6

Query Match      100.0%; Score 10; DB 3; Length 20;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 RRRCCWGGYY 10
Db 20 RRRCCWGGYY 11

RESULT 19
US-09-939-581A-6
; Sequence 6, Application US/09939581A
; Patent No. 6740523
; GENERAL INFORMATION:
; APPLICANT: Hermeking, Heiko
; APPLICANT: Vogelstein, Bert
; APPLICANT: Kinzler, Kenneth
; TITLE OF INVENTION: 14-3-3 SIGMA ARREST THE CELL CYCLE
; FILE REFERENCE: 1107.77810
; CURRENT APPLICATION NUMBER: US/09/939,581A
; CURRENT FILING DATE: 2001-08-28
; PRIOR APPLICATION NUMBER: 09/210,748
; PRIOR FILING DATE: 1998-12-15
; NUMBER OF SEQ ID NOS: 18
; SOFTWARE: FastSeq for Windows Version 3.0
```

```
; SEQ ID NO 6
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-939-581A-6
Query Match      100.0%; Score 10; DB 3; Length 20;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 RRRCWGYYY 10
    |||||
Db 1 RRRCWGYYY 10
    |||||

RESULT 20
US-09-939-581A-6/c
; Sequence 6, Application US/09939581A
; Patent No. 6740523
; GENERAL INFORMATION:
; APPLICANT: Hermeking, Helko
; APPLICANT: Vogelstein, Bert
; APPLICANT: Kinzler, Kenneth
; TITLE OF INVENTION: 14-3-3 SIGMA ARREST THE CELL CYCLE
; FILE REFERENCE: 1107.77810
; CURRENT APPLICATION NUMBER: US/09/939,581A
; CURRENT FILING DATE: 2001-08-28
; PRIOR APPLICATION NUMBER: 09/210,748
; PRIOR FILING DATE: 1998-12-15
; NUMBER OF SEQ ID NOS: 18
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 6
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-939-581A-6
Query Match      100.0%; Score 10; DB 3; Length 20;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 RRRCWGYYY 10
    |||||
Db 20 RRRCWGYYY 11
    |||||

RESULT 21
US-08-713-052-4
; Sequence 4, Application US/08713052
; Patent No. 5840673
; GENERAL INFORMATION:
; APPLICANT: Buckbinder, Leonard R.
; APPLICANT: Kley, Nikolai
; APPLICANT: Seizinger, Bernd
; TITLE OF INVENTION: Insulin-Like Growth Factor Binding
; NUMBER OF SEQUENCES: 6
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Bristol-Myers Squibb Company
; STREET: P.O. Box 4000
; CITY: Princeton
; STATE: New Jersey
; COUNTRY: U.S.A.
; ZIP: 08543-4000
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/713,052
; FILING DATE: 12-SEP-1996
; CLASSIFICATION: 514
; ATTORNEY/AGENT INFORMATION:
; NAME: Gaul, Timothy J.
; REGISTRATION NUMBER: 33,111
; REFERENCE/DOCKET NUMBER: DC38a
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (609) 252-5901
; TELEFAX: (609) 252-4526
; INFORMATION FOR SEQ ID NO: 4:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 21 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
US-08-713-052-4
Query Match      100.0%; Score 10; DB 2; Length 21;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 RRRCWGYYY 10
    |||||
Db 1 RRRCWGYYY 10
    |||||

RESULT 22
US-08-713-052-4/c
; Sequence 4, Application US/08713052
; Patent No. 5840673
; GENERAL INFORMATION:
; APPLICANT: Buckbinder, Leonard R.
; APPLICANT: Kley, Nikolai
; APPLICANT: Seizinger, Bernd
; TITLE OF INVENTION: Insulin-Like Growth Factor Binding
; NUMBER OF SEQUENCES: 6
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Bristol-Myers Squibb Company
; STREET: P.O. Box 4000
; CITY: Princeton
; STATE: New Jersey
; COUNTRY: U.S.A.
; ZIP: 08543-4000
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/713,052
; FILING DATE: 12-SEP-1996
; CLASSIFICATION: 514
; ATTORNEY/AGENT INFORMATION:
; NAME: Gaul, Timothy J.
; REGISTRATION NUMBER: 33,111
; REFERENCE/DOCKET NUMBER: DC38a
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (609) 252-5901
; TELEFAX: (609) 252-4526
; INFORMATION FOR SEQ ID NO: 4:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 21 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
US-08-713-052-4
Query Match      100.0%; Score 10; DB 2; Length 21;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 RRRCWGYYY 10
    |||||
Db 1 RRRCWGYYY 10
    |||||
```

```
Db      |||||
        21 RRCWGWYY 12

RESULT 23
US-08-446-668-8
; Sequence 8, Application US/08446668
; Patent No. 6140058
; GENERAL INFORMATION:
; APPLICANT: Lane, David P.
; APPLICANT: Hupp, Theodore R.
; TITLE OF INVENTION: ACTIVATION OF P53 PROTEIN
; NUMBER OF SEQUENCES: 8
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Flehr Hohbach Test Albritton & Herbert LLP
; STREET: 4 Embarcadero Center, Suite 3400
; CITY: San Francisco
; STATE: California
; COUNTRY: United States
; ZIP: 94111
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION NUMBER: US/08/446,668
; FILING DATE: 24-JUL-1995
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Dreger, Walter H.
; REGISTRATION NUMBER: 24,190
; REFERENCE/DOCKET NUMBER: A-61269/WH/MTK
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 415-781-1989
; TELEFAX: 415-398-3249
; INFORMATION FOR SEQ ID NO: 8:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 9 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
US-08-446-668-8

Query Match          90.0%; Score 9; DB 3; Length 9;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      2 RRCWGWYY 10
        |||||
Db      9 RRCWGWYY 1

RESULT 25
US-09-196-099-15
; Sequence 15, Application US/09196099
; Patent No. 6465246
; GENERAL INFORMATION:
; APPLICANT: MUELLER, Rolf
; APPLICANT: SEDLACEK, Hans-Harald
; TITLE OF INVENTION: ONCOGENE- OR VIRUS-CONTROLLED EXPRESSION SYSTEM
; FILE REFERENCE: 26083/190
; CURRENT APPLICATION NUMBER: US/09/196,099
; CURRENT FILING DATE: 1998-11-20
; EARLIER APPLICATION NUMBER: DE 19751587.8
; EARLIER FILING DATE: 1997-11-21
; NUMBER OF SEQ ID NOS: 17
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 15
; LENGTH: 7
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-196-099-15

Query Match          70.0%; Score 7; DB 3; Length 7;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1 RRCWGW 7
        |||||
Db      1 RRCWGW 7

RESULT 26
US-09-196-099-15/c
; Sequence 15, Application US/09196099
; Patent No. 6465246
; GENERAL INFORMATION:
; APPLICANT: MUELLER, Rolf
; APPLICANT: SEDLACEK, Hans-Harald
; TITLE OF INVENTION: ONCOGENE- OR VIRUS-CONTROLLED EXPRESSION SYSTEM
; FILE REFERENCE: 26083/190
; CURRENT APPLICATION NUMBER: US/09/196,099
; CURRENT FILING DATE: 1998-11-20
; EARLIER APPLICATION NUMBER: DE 19751587.8
```

```
; EARLIER FILING DATE: 1997-11-21
; NUMBER OF SEQ ID NOS: 17
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 15
; LENGTH: 7
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-196-099-15

Query Match      70.0%; Score 7; DB 3; Length 7;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 4 CWWGYYY 10
Db 7 CWWGYYY 1

RESULT 27
US-09-051-159B-1
; Sequence 1, Application US/090511159B
; Patent No. 6943026
; GENERAL INFORMATION:
; APPLICANT: Balmain, Allan
; APPLICANT: Zhu, Jingde
; TITLE OF INVENTION: Antitumour vector constructs and methods
; FILE REFERENCE: CCI-005USRCE
; CURRENT APPLICATION NUMBER: US/09/051,159B
; CURRENT FILING DATE: 1999-01-13
; PRIOR APPLICATION NUMBER: GB 9520079.6
; PRIOR FILING DATE: 1995-10-02
; PRIOR APPLICATION NUMBER: GB 9616685.5
; PRIOR FILING DATE: 1996-08-08
; PRIOR APPLICATION NUMBER: PCT/GB96/02416
; PRIOR FILING DATE: 1996-10-02
; NUMBER OF SEQ ID NOS: 7
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 1
; LENGTH: 11
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic construct
; NAME/KEY: misc_feature
; LOCATION: (1)...(3)
; OTHER INFORMATION: R may be G or A
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: 5, 6, 7
; OTHER INFORMATION: W may be A or T
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (9)...(11)
; OTHER INFORMATION: Y may be T or C
US-09-051-159B-1

Query Match      60.0%; Score 6; DB 3; Length 11;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 RRCWW 6
Db 11 RRCWW 6

RESULT 29
US-08-299-074A-39
; Sequence 39, Application US/08299074A
; Patent No. 5955263
; GENERAL INFORMATION:
; APPLICANT: Vogelstein, Bert
; APPLICANT: Kinzler, Kenneth
; APPLICANT: Sherman, Michael
; TITLE OF INVENTION: SEQUENCE SPECIFIC DNA BINDING
; TITLE OF INVENTION: BY P53
; NUMBER OF SEQUENCES: 41
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Banner & Witcoff
; STREET: 1001 G Street, NW
; CITY: Washington
; STATE: DC
; COUNTRY: USA
; ZIP: 20001
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS
; SOFTWARE: FastSeq for Windows Version 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/299,074A
; FILING DATE: 01-SEP-1994
; CLASSIFICATION: 536
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 07/860,758
; FILING DATE: 31-MAR-1992
; APPLICATION NUMBER: 07/715,182
; FILING DATE: 14-JUN-1991
```

```
; ATTORNEY/AGENT INFORMATION:
; NAME: Kagan, Sarah A
; REGISTRATION NUMBER: 32141
; REFERENCE/DOCKET NUMBER: 01107.47071
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 202-508-9100
; TELEFAX: 202-508-9299
; TELEX:
;
; INFORMATION FOR SEQ ID NO: 39:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 5 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
;
US-08-299-074A-39

Query Match 50.0%; Score 5; DB 2; Length 5;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 RRCW 5
Db 1 RRCW 5

RESULT 30
US-08-299-074A-39/c
; Sequence 39, Application US/08299074A
; Patent No. 595263
; GENERAL INFORMATION:
; APPLICANT: Vogelstein, Bert
; APPLICANT: Kinzler, Kenneth
; APPLICANT: Sherman, Michael
; TITLE OF INVENTION: SEQUENCE SPECIFIC DNA BINDING
; NUMBER OF SEQUENCES: 41
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Banner & Witcoff
; STREET: 1001 G Street, NW
; CITY: Washington
; STATE: DC
; COUNTRY: USA
; ZIP: 20001
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS
; SOFTWARE: FastSeq for Windows Version 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/299,074A
; FILING DATE: 01-SEP-1994
; CLASSIFICATION: 536
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 07/860,758
; FILING DATE: 31-MAR-1992
; APPLICATION NUMBER: 07/715,182
; FILING DATE: 14-JUN-1991
; ATTORNEY/AGENT INFORMATION:
; NAME: Kagan, Sarah A
; REGISTRATION NUMBER: 32141
; REFERENCE/DOCKET NUMBER: 01107.47071
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 202-508-9100
; TELEFAX: 202-508-9299
; TELEX:
; INFORMATION FOR SEQ ID NO: 39:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 5 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
;
US-08-299-074A-39

Query Match 50.0%; Score 5; DB 2; Length 5;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 RRCW 5
Db 1 RRCW 5

RESULT 31
US-09-399-773-39
; Sequence 39, Application US/09399773
; Patent No. 6245515
; GENERAL INFORMATION:
; APPLICANT: Vogelstein, Bert
; APPLICANT: Kinzler, Kenneth
; APPLICANT: Sherman, Michael
; TITLE OF INVENTION: SEQUENCE SPECIFIC DNA BINDING
; NUMBER OF SEQUENCES: 41
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Banner & Witcoff
; STREET: 1001 G Street, NW
; CITY: Washington
; STATE: DC
; COUNTRY: USA
; ZIP: 20001
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS
; SOFTWARE: FastSeq for Windows Version 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/399,773
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/299,074
; FILING DATE:
; APPLICATION NUMBER: 07/715,182
; FILING DATE: 14-JUN-1991
; ATTORNEY/AGENT INFORMATION:
; NAME: Kagan, Sarah A
; REGISTRATION NUMBER: 32141
; REFERENCE/DOCKET NUMBER: 01107.47071
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 202-508-9100
; TELEFAX: 202-508-9299
; TELEX:
; INFORMATION FOR SEQ ID NO: 39:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 5 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
;
US-09-399-773-39

Query Match 50.0%; Score 5; DB 3; Length 5;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 RRCW 5
Db 1 RRCW 5

RESULT 32
US-09-399-773-39/c
; Sequence 39, Application US/09399773
; Patent No. 6245515
; GENERAL INFORMATION:
; APPLICANT: Vogelstein, Bert
; APPLICANT: Kinzler, Kenneth
```

```
; APPLICANT: Sherman, Michael
; TITLE OF INVENTION: SEQUENCE SPECIFIC DNA BINDING
; TITLE OF INVENTION: BY P53
; NUMBER OF SEQUENCES: 41
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Banner & Witcoff
; STREET: 1001 G Street, NW
; CITY: Washington
; STATE: DC
; COUNTRY: USA
; ZIP: 20001
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS
; SOFTWARE: FastSeq for Windows Version 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/399,773
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/299,074
; FILING DATE:
; APPLICATION NUMBER: 07/715,182
; FILING DATE: 14-JUN-1991
; ATTORNEY/AGENT INFORMATION:
; NAME: Kagan, Sarah A
; REGISTRATION NUMBER: 32141
; REFERENCE/DOCKET NUMBER: 01107.47071
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 202-508-9100
; TELEFAX: 202-508-9299
; TELEX:
; INFORMATION FOR SEQ ID NO: 39:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 5 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-09-399-773-39

Query Match 50.0%; Score 5; DB 3; Length 5;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 6 WGYYY 10
Db 5 WGYYY 1

RESULT 33
US-08-474-542A-134
; Sequence 134, Application US/08474542A
; Patent No. 5527898
; GENERAL INFORMATION:
; APPLICANT: Bauer, Heidi M.
; APPLICANT: Gravitt, Patti E.
; APPLICANT: Greer, Catherine E.
; APPLICANT: Impraime, Chaka C.
; APPLICANT: Manos, M. Michele
; APPLICANT: Resnick, Robert M.
; TITLE OF INVENTION: Detection of Human Papillomavirus by the
; NUMBER OF SEQUENCES: 298
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Hoffmann-La Roche Inc.
; STREET: 340 Kingsland Street
; CITY: Nutley
; STATE: New Jersey
; COUNTRY: U.S.A.
; ZIP: 07110
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/474,542A
; FILING DATE:
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Petry, Douglas A.
; REGISTRATION NUMBER: 35,321
; REFERENCE/DOCKET NUMBER: 9234
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (510) 814-2974
; TELEFAX: (510) 814-2977
; INFORMATION FOR SEQ ID NO: 134:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; MEDIUM TYPE: Floppy disk
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; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/474,542A
; FILING DATE:
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Petry, Douglas A.
; REGISTRATION NUMBER: 35,321
; REFERENCE/DOCKET NUMBER: 9234
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (510) 814-2974
; TELEFAX: (510) 814-2977
; INFORMATION FOR SEQ ID NO: 134:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; US-08-474-542A-134

Query Match 50.0%; Score 5; DB 2; Length 20;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 5 WGYYY 9
Db 11 WGYYY 15

RESULT 34
US-08-474-542A-134/c
; Sequence 134, Application US/08474542A
; Patent No. 5527898
; GENERAL INFORMATION:
; APPLICANT: Bauer, Heidi M.
; APPLICANT: Gravitt, Patti E.
; APPLICANT: Greer, Catherine E.
; APPLICANT: Impraime, Chaka C.
; APPLICANT: Manos, M. Michele
; APPLICANT: Resnick, Robert M.
; TITLE OF INVENTION: Detection of Human Papillomavirus by the
; NUMBER OF SEQUENCES: 298
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Hoffmann-La Roche Inc.
; STREET: 340 Kingsland Street
; CITY: Nutley
; STATE: New Jersey
; COUNTRY: U.S.A.
; ZIP: 07110
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/474,542A
; FILING DATE:
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Petry, Douglas A.
; REGISTRATION NUMBER: 35,321
; REFERENCE/DOCKET NUMBER: 9234
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (510) 814-2974
; TELEFAX: (510) 814-2977
; INFORMATION FOR SEQ ID NO: 134:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
```



```
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
US-08-474-542A-134

Query Match          50.0%; Score 5; DB 2; Length 20;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      2 RRCWW 6
        |||||
Db      15 RRCWW 11

RESULT 35
US-08-457-648-134
; Sequence 134, Application US/08457648
; Patent No. 5639871
; GENERAL INFORMATION:
; APPLICANT: Bauer, Heidi M.
; APPLICANT: Gravitt, Patti E.
; APPLICANT: Greer, Catherine E.
; APPLICANT: Impraal, Chaka C.
; APPLICANT: Manos, M. Michele
; APPLICANT: Resnick, Robert M.
; TITLE OF INVENTION: Detection of Human Papillomavirus by the
; NUMBER OF SEQUENCES: 298
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Hoffmann-La Roche Inc.
; STREET: 340 Kingsland Street
; CITY: Nutley
; STATE: New Jersey
; COUNTRY: U.S.A.
; ZIP: 07110
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/457,648
; FILING DATE:
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Petty, Douglas A.
; REGISTRATION NUMBER: 35,321
; REFERENCE/DOCKET NUMBER: 9205
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (510) 814-2974
; TELEFAX: (510) 814-2977
; INFORMATION FOR SEQ ID NO: 134:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
US-08-457-648-134

Query Match          50.0%; Score 5; DB 2; Length 20;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      2 RRCWW 6
        |||||
Db      15 RRCWW 11

RESULT 36
US-08-457-648-134/c
; Sequence 134, Application US/08457648
; Patent No. 5639871
; GENERAL INFORMATION:
; APPLICANT: Bauer, Heidi M.
; APPLICANT: Gravitt, Patti E.
; APPLICANT: Greer, Catherine E.
; APPLICANT: Impraal, Chaka C.
; APPLICANT: Manos, M. Michele
; APPLICANT: Resnick, Robert M.
; TITLE OF INVENTION: Detection of Human Papillomavirus by the
; NUMBER OF SEQUENCES: 298
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Hoffmann-La Roche Inc.
; STREET: 340 Kingsland Street
; CITY: Nutley
; STATE: New Jersey
; COUNTRY: U.S.A.
; ZIP: 07110
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/457,648
; FILING DATE:
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Petty, Douglas A.
; REGISTRATION NUMBER: 35,321
; REFERENCE/DOCKET NUMBER: 9205
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (510) 814-2974
; TELEFAX: (510) 814-2977
; INFORMATION FOR SEQ ID NO: 134:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
US-08-457-648-134

Query Match          50.0%; Score 5; DB 2; Length 20;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      5 WGGY 9
        |||||
Db      11 WGGY 15

RESULT 37
US-08-259-612A-9
; Sequence 9, Application US/08259612A
; Patent No. 5688918
; GENERAL INFORMATION:
; APPLICANT: Kulesz-Martin, Molly F.
; TITLE OF INVENTION: p53as PROTEIN AND ANTIBODY
; NUMBER OF SEQUENCES: 9
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Dunn & Associates, P.C.
; STREET: P.O. Box 96
; CITY: Newfane
; STATE: New York
; COUNTRY: U.S.A.
; ZIP: 14108
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette - 3.50 inch, 1.44 Mb
; MEDIUM TYPE: Storage
; COMPUTER: Victor 300 SX/25 (IBM PC Compatible)
; OPERATING SYSTEM: MS-DOS Version 5.0
; SOFTWARE: Wordstar Professional Release 4
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/
/ DATE: April, 1992
/ DOCUMENT NUMBER:
/ FILING DATE:
/ PUBLICATION DATE:
/ RELEVANT RESIDUES IN SEQ ID NO:
US-08-259-612A-9
Query Match 40.0%; Score 4; DB 2; Length 10;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 4; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 4 CWG 7
Db 7 CWG 4
RESULT 39
US-08-644-291-9
/ Sequence 9, Application US/08644291
/ Patent No. 5726024
/ GENERAL INFORMATION:
/ APPLICANT: Kulesz-Martin, Molly F.
/ TITLE OF INVENTION: p53as PROTEIN AND ANTIBODY
/ TITLE OF INVENTION: THEREFOR
/ NUMBER OF SEQUENCES: 9
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: Dunn & Associates
/ STREET: P.O. Box 96
/ CITY: Newfane
/ STATE: New York
/ COUNTRY: U.S.A.
/ ZIP: 14108
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: Diskette - 3.50 inch, 1.44 Mb
/ MEDIUM TYPE: Storage
/ COMPUTER: Victor 300 SX/25 (IBM PC Compatible)
/ OPERATING SYSTEM: MS-DOS Version 5.0
/ SOFTWARE: Wordstar Professional Release 4
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/08/644,291
/ FILING DATE: 10-May-1996
/ CLASSIFICATION: 530
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: 08/195,952
/ FILING DATE: 11-Feb-1994
/ CLASSIFICATION: 530
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: 08/100,496
/ FILING DATE: 02-Aug-1993
/ CLASSIFICATION: 530
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Dunn, Michael L.
/ REGISTRATION NUMBER: 25,330
/ REFERENCE/DOCKET NUMBER: RPP:135E US
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: (716) 433-1661
/ TELEFAX: (716) 433-1665
/ INFORMATION FOR SEQ ID NO: 9:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 10
/ TYPE: Nucleic Acid
/ STRANDEDNESS: Unknown
/ TOPOLOGY: Unknown
/ MOLECULE TYPE:
/ HYPOTHETICAL: No
/ ANTI-SENSE: No
/ FRAGMENT TYPE:
/ ORIGINAL SOURCE:
/ ORGANISM:
/
/ STRAIN:
/ INDIVIDUAL ISOLATE:
/ DEVELOPMENTAL STAGE:
/ HAPLOTYPE:
/ TISSUE TYPE:
/ CELL TYPE:
/ CELL LINE:
/ ORGANELLE:
/ IMMEDIATE SOURCE:
/ LIBRARY:
/ CLONE:
/ POSITION IN GENOME:
/ CHROMOSOME/SEGMENT:
/ MAP POSITION:
/ UNITS:
/ FEATURE:
/ NAME/KEY:
/ LOCATION:
/ IDENTIFICATION METHOD:
/ OTHER INFORMATION:
/ PUBLICATION INFORMATION:
/ AUTHORS: El - Diery et al.
/ TITLE: DEFINITION OF A CONCENTUS BINDING
/ TITLE: SITE FOR p53
/ JOURNAL: Nature Genetics
/ VOLUME: 1
/ ISSUE:
/ PAGES: 45-49
/ DATE: April, 1992
/ DOCUMENT NUMBER:
/ FILING DATE:
/ PUBLICATION DATE:
/ RELEVANT RESIDUES IN SEQ ID NO:
US-08-644-291-9
Query Match 40.0%; Score 4; DB 2; Length 10;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 4; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 4 CWG 7
Db 4 CWG 7
RESULT 40
US-08-644-291-9/c
/ Sequence 9, Application US/08644291
/ Patent No. 5726024
/ GENERAL INFORMATION:
/ APPLICANT: Kulesz-Martin, Molly F.
/ TITLE OF INVENTION: p53as PROTEIN AND ANTIBODY
/ TITLE OF INVENTION: THEREFOR
/ NUMBER OF SEQUENCES: 9
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: Dunn & Associates
/ STREET: P.O. Box 96
/ CITY: Newfane
/ STATE: New York
/ COUNTRY: U.S.A.
/ ZIP: 14108
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: Diskette - 3.50 inch, 1.44 Mb
/ MEDIUM TYPE: Storage
/ COMPUTER: Victor 300 SX/25 (IBM PC Compatible)
/ OPERATING SYSTEM: MS-DOS Version 5.0
/ SOFTWARE: Wordstar Professional Release 4
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/08/644,291
/ FILING DATE: 10-May-1996
/ CLASSIFICATION: 530
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: 08/195,952
/ FILING DATE: 11-Feb-1994
/ CLASSIFICATION: 530
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: 08/100,496
/ FILING DATE: 02-Aug-1993
/ CLASSIFICATION: 530
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Dunn, Michael L.
/ REGISTRATION NUMBER: 25,330
/ REFERENCE/DOCKET NUMBER: RPP:135E US
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: (716) 433-1661
/ TELEFAX: (716) 433-1665
/ INFORMATION FOR SEQ ID NO: 9:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 10
/ TYPE: Nucleic Acid
/ STRANDEDNESS: Unknown
/ TOPOLOGY: Unknown
/ MOLECULE TYPE:
/ HYPOTHETICAL: No
/ ANTI-SENSE: No
/ FRAGMENT TYPE:
/ ORIGINAL SOURCE:
/ ORGANISM:
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CLASSIFICATION: 530
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/195,952
FILING DATE: 11-Feb-1994
CLASSIFICATION: 530
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/100,496
FILING DATE: 02-Aug-1993
CLASSIFICATION: 530
ATTORNEY/AGENT INFORMATION:
NAME: Dunn, Michael L.
REGISTRATION NUMBER: 25,330
REFERENCE/DOCKET NUMBER: RPP:135E US
TELECOMMUNICATION INFORMATION:
TELEPHONE: (716) 433-1661
TELEFAX: (716) 433-1665
INFORMATION FOR SEQ ID NO: 9:
SEQUENCE CHARACTERISTICS:
LENGTH: 10
TYPE: Nucleic Acid
STRANDEDNESS: Unknown
TOPOLOGY: Unknown
MOLECULE TYPE:
HYPOTHETICAL: No
ANTI-SENSE: No
FRAGMENT TYPE:
ORIGINAL SOURCE:
ORGANISM:
STRAIN:
INDIVIDUAL ISOLATE:
DEVELOPMENTAL STAGE:
HAPLOTYPE:
TISSUE TYPE:
CELL LINE:
ORGANELLE:
IMMEDIATE SOURCE:
LIBRARY:
CLONE:
POSITION IN GENOME:
CHROMOSOME/SEGMENT:
MAP POSITION:
UNITS:
FEATURE:
NAME/KEY:
LOCATION:
IDENTIFICATION METHOD:
OTHER INFORMATION:
PUBLICATION INFORMATION:
AUTHORS: El - Diery et al.
TITLE: DEFINITION OF A CONSENSUS BINDING
SITE FOR p53
JOURNAL: Nature Genetics
VOLUME: 1
ISSUE:
PAGES: 45-49
DATE: April, 1992
DOCUMENT NUMBER:
FILING DATE:
PUBLICATION DATE:
RELEVANT RESIDUES IN SEQ ID NO:
US-08-644-291-9

Query Match 40.0%; Score 4; DB 2; Length 10;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 4; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 4 CWG 7
Db 7 CWG 4

RESULT 41

US-09-672-717-212
Sequence 212, Application US/09672717
Patent No. 6673917
GENERAL INFORMATION:
APPLICANT: Korneluk, Robert G.
APPLICANT: LaCasse, Eric
APPLICANT: Baird, Stephen
APPLICANT: Holcik, Martin
APPLICANT: Young, Sean
TITLE OF INVENTION: Antisense IAP Nucleic Acids and Uses
FILE REFERENCE: 07891/025001
CURRENT APPLICATION NUMBER: US/09/672,717
CURRENT FILING DATE: 2000-09-28
NUMBER OF SEQ ID NOS: 231
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 212
LENGTH: 19
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
NAME/KEY: modified_base
LOCATION: 1,17,18
OTHER INFORMATION: y=um
NAME/KEY: modified_base
LOCATION: 19
OTHER INFORMATION: y=cm
OTHER INFORMATION: based on Homo sapiens
US-09-672-717-212

Query Match 40.0%; Score 4; DB 3; Length 19;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 4; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 7 GYY 10
Db 16 GYY 19

RESULT 42

US-09-672-717-212/c
Sequence 212, Application US/09672717
Patent No. 6673917
GENERAL INFORMATION:
APPLICANT: Korneluk, Robert G.
APPLICANT: LaCasse, Eric
APPLICANT: Baird, Stephen
APPLICANT: Holcik, Martin
APPLICANT: Young, Sean
TITLE OF INVENTION: Antisense IAP Nucleic Acids and Uses
FILE REFERENCE: 07891/025001
CURRENT APPLICATION NUMBER: US/09/672,717
CURRENT FILING DATE: 2000-09-28
NUMBER OF SEQ ID NOS: 231
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 212
LENGTH: 19
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
NAME/KEY: modified_base
LOCATION: 1,17,18
OTHER INFORMATION: y=um
NAME/KEY: modified_base
LOCATION: 19
OTHER INFORMATION: y=cm
OTHER INFORMATION: based on Homo sapiens
US-09-672-717-212

Query Match 40.0%; Score 4; DB 3; Length 19;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 4; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```
QY      1 RRRR 4
      ||||
Db      19 RRRR 16

RESULT 43
US-08-474-542A-133
; Sequence 133, Application US/08474542A
; Patent No. 5527898
; GENERAL INFORMATION:
; APPLICANT: Bauer, Heidi M.
; APPLICANT: Gravitt, Patti E.
; APPLICANT: Greer, Catherine E.
; APPLICANT: Impraïm, Chaka C.
; APPLICANT: Manos, M. Michele
; APPLICANT: Resnick, Robert M.
; TITLE OF INVENTION: Detection of Human Papillomavirus by the
; POLYMERASE CHAIN REACTION
; NUMBER OF SEQUENCES: 298
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Hoffmann-La Roche Inc.
; STREET: 340 Kingsland Street
; CITY: Nutley
; STATE: New Jersey
; COUNTRY: U.S.A.
; ZIP: 07110
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent in Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/474,542A
; FILING DATE:
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Petry, Douglas A.
; REGISTRATION NUMBER: 35,321
; REFERENCE/DOCKET NUMBER: 9234
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (510) 814-2974
; TELEFAX: (510) 814-2977
; INFORMATION FOR SEQ ID NO: 133:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
US-08-474-542A-133

Query Match      40.0%; Score 4; DB 2; Length 20;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 4; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      3 RCWW 6
      ||||
Db      14 RCWW 11

RESULT 45
US-08-474-542A-135
; Sequence 135, Application US/08474542A
; Patent No. 5527898
; GENERAL INFORMATION:
; APPLICANT: Bauer, Heidi M.
; APPLICANT: Gravitt, Patti E.
; APPLICANT: Greer, Catherine E.
; APPLICANT: Impraïm, Chaka C.
; APPLICANT: Manos, M. Michele
; APPLICANT: Resnick, Robert M.
; TITLE OF INVENTION: Detection of Human Papillomavirus by the
; POLYMERASE CHAIN REACTION
; NUMBER OF SEQUENCES: 298
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Hoffmann-La Roche Inc.
; STREET: 340 Kingsland Street
; CITY: Nutley
; STATE: New Jersey
; COUNTRY: U.S.A.
; ZIP: 07110
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent in Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/474,542A
; FILING DATE:
; CLASSIFICATION: 435

QY      5 WWGY 8
      ||||
Db      11 WWGY 14

RESULT 44
US-08-474-542A-133/c
; Sequence 133, Application US/08474542A
; Patent No. 5527898
; GENERAL INFORMATION:
; APPLICANT: Bauer, Heidi M.
; APPLICANT: Gravitt, Patti E.
; APPLICANT: Greer, Catherine E.
; APPLICANT: Impraïm, Chaka C.
; APPLICANT: Manos, M. Michele
; APPLICANT: Resnick, Robert M.
; TITLE OF INVENTION: Detection of Human Papillomavirus by the
```

Matches	4;	Conservative	0;	Mismatches	0;	Indels	0;	Gaps	0;
Qy	2 RRCW 5								
Db	15 RRCW 12								
<p>RESULT 47</p> <p>US-08-457-648-133</p> <p>Sequence 133, Application US/08457648</p> <p>Patent No. 5639871</p> <p>GENERAL INFORMATION:</p> <p>APPLICANT: Bauer, Heidi M.</p> <p>APPLICANT: Gravitt, Patti E.</p> <p>APPLICANT: Greer, Catherine E.</p> <p>APPLICANT: Impraïm, Chaka C.</p> <p>APPLICANT: Manos, M. Michele</p> <p>APPLICANT: Resnick, Robert M.</p> <p>TITLE OF INVENTION: Detection of Human Papillomavirus by the</p> <p>TITLE OF INVENTION: Polymerase Chain Reaction</p> <p>NUMBER OF SEQUENCES: 298</p> <p>CORRESPONDENCE ADDRESS:</p> <p>ADDRESSEE: Hoffmann-La Roche Inc.</p> <p>STREET: 340 Kingsland Street</p> <p>CITY: Nutley</p> <p>STATE: New Jersey</p> <p>COUNTRY: U.S.A.</p> <p>ZIP: 07110</p> <p>COMPUTER READABLE FORM:</p> <p>MEDIUM TYPE: Floppy disk</p> <p>COMPUTER: IBM PC compatible</p> <p>OPERATING SYSTEM: PC-DOS/MS-DOS</p> <p>SOFTWARE: Patent In Release #1.0, Version #1.25</p> <p>CURRENT APPLICATION DATA:</p> <p>APPLICANT NUMBER: US/08/457,648</p> <p>FILING DATE:</p> <p>CLASSIFICATION: 435</p> <p>ATTORNEY/AGENT INFORMATION:</p> <p>NAME: Petry, Douglas A.</p> <p>REGISTRATION NUMBER: 35,321</p> <p>REFERENCE/DOCKET NUMBER: 9205</p> <p>TELECOMMUNICATION INFORMATION:</p> <p>TELEPHONE: (510) 814-2974</p> <p>TELEFAX: (510) 814-2977</p> <p>INFORMATION FOR SEQ ID NO: 133:</p> <p>SEQUENCE CHARACTERISTICS:</p> <p>LENGTH: 20 base pairs</p> <p>TYPE: nucleic acid</p> <p>STRANDEDNESS: single</p> <p>TOPOLOGY: linear</p> <p>MOLECULE TYPE: DNA (genomic)</p> <p>US-08-457-648-133</p> <p>Query Match 40.0%; Score 4; DB 2; Length 20;</p> <p>Best Local Similarity 100.0%; Pred. No. 0;</p> <p>Matches 4; Conservative 0; Mismatches 0; Indels 0; Gaps 0;</p>									
Qy	5 WWGy 8								
Db	11 WWGy 14								
<p>RESULT 48</p> <p>US-08-457-648-133/c</p> <p>Sequence 133, Application US/08457648</p> <p>Patent No. 5639871</p> <p>GENERAL INFORMATION:</p> <p>APPLICANT: Bauer, Heidi M.</p> <p>APPLICANT: Gravitt, Patti E.</p> <p>APPLICANT: Greer, Catherine E.</p> <p>APPLICANT: Impraïm, Chaka C.</p> <p>APPLICANT: Manos, M. Michele</p> <p>APPLICANT: Resnick, Robert M.</p>									

```
; TITLE OF INVENTION: Detection of Human Papillomavirus by the
; TITLE OF INVENTION: Polymerase Chain Reaction
; NUMBER OF SEQUENCES: 298
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Hoffmann-La Roche Inc.
; STREET: 340 Kingsland Street
; CITY: Nutley
; STATE: New Jersey
; COUNTRY: U.S.A.
; ZIP: 07110
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/457,648
; FILING DATE:
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Petry, Douglas A.
; REGISTRATION NUMBER: 35,321
; REFERENCE/DOCKET NUMBER: 9205
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (510) 814-2977
; TELEFAX: (510) 814-2977
; INFORMATION FOR SEQ ID NO: 133:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; US-08-457-648-133

Query Match 40.0%; Score 4; DB 2; Length 20;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 4; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 3 RCWW 6
DB 14 RCWW 11

RESULT 49
US-08-457-648-135
; Sequence 135, Application US/08457648
; Patent No. 5639871
; GENERAL INFORMATION:
; APPLICANT: Bauer, Heidi M.
; APPLICANT: Gravitt, Patti E.
; APPLICANT: Greer, Catherine E.
; APPLICANT: Impraime, Chaka C.
; APPLICANT: Manos, M. Michele
; APPLICANT: Resnick, Robert M.
; TITLE OF INVENTION: Detection of Human Papillomavirus by the
; NUMBER OF SEQUENCES: 298
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Hoffmann-La Roche Inc.
; STREET: 340 Kingsland Street
; CITY: Nutley
; STATE: New Jersey
; COUNTRY: U.S.A.
; ZIP: 07110
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/457,648
; FILING DATE:
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Petry, Douglas A.
; REGISTRATION NUMBER: 35,321
; REFERENCE/DOCKET NUMBER: 9205
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (510) 814-2977
; TELEFAX: (510) 814-2977
; INFORMATION FOR SEQ ID NO: 135:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; US-08-457-648-135

Query Match 40.0%; Score 4; DB 2; Length 20;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 4; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Petry, Douglas A.
; REGISTRATION NUMBER: 35,321
; REFERENCE/DOCKET NUMBER: 9205
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (510) 814-2977
; TELEFAX: (510) 814-2977
; INFORMATION FOR SEQ ID NO: 135:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; US-08-457-648-135

Query Match 40.0%; Score 4; DB 2; Length 20;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 4; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 6 WGY 9
DB 12 WGY 15

RESULT 50
US-08-457-648-135/c
; Sequence 135, Application US/08457648
; Patent No. 5639871
; GENERAL INFORMATION:
; APPLICANT: Bauer, Heidi M.
; APPLICANT: Gravitt, Patti E.
; APPLICANT: Greer, Catherine E.
; APPLICANT: Impraime, Chaka C.
; APPLICANT: Manos, M. Michele
; APPLICANT: Resnick, Robert M.
; TITLE OF INVENTION: Detection of Human Papillomavirus by the
; NUMBER OF SEQUENCES: 298
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Hoffmann-La Roche Inc.
; STREET: 340 Kingsland Street
; CITY: Nutley
; STATE: New Jersey
; COUNTRY: U.S.A.
; ZIP: 07110
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/457,648
; FILING DATE:
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Petry, Douglas A.
; REGISTRATION NUMBER: 35,321
; REFERENCE/DOCKET NUMBER: 9205
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (510) 814-2977
; TELEFAX: (510) 814-2977
; INFORMATION FOR SEQ ID NO: 135:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; US-08-457-648-135

Query Match 40.0%; Score 4; DB 2; Length 20;
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Best Local Similarity 100.0%; Pred. No. 0;
Matches 4; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2 RRCW 5
Db ||||
15 RRCW 12

RESULT 51

US-08-657-828A-3
; Sequence 3, Application US/08657828A
; Patent No. 5876711

; GENERAL INFORMATION:

; APPLICANT: Fattaey, Ali
; TITLE OF INVENTION: Methods and Compositions for Determining
; REFERENCE/DOCKET NUMBER: 32,028
; NUMBER OF SEQUENCES: 6

; CORRESPONDENCE ADDRESS:

; ADDRESSEE: Onyx Pharmaceuticals, Inc.
; STREET: 3031 Research Drive
; CITY: Richmond
; STATE: CA

; COUNTRY: USA
; ZIP: 94806

; COMPUTER READABLE FORM:

; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30

; CURRENT APPLICATION DATA:

; FILING DATE: 31-MAY-1996
; CLASSIFICATION: 435

; ATTORNEY/AGENT INFORMATION:

; NAME: Giotta, Gregory
; REGISTRATION NUMBER: 32,028
; REFERENCE/DOCKET NUMBER: ONYX1021
; TELECOMMUNICATION INFORMATION:

; TELEPHONE: 510-262-8710
; TELEFAX: 510-758-3405

; INFORMATION FOR SEQ ID NO: 3:

; SEQUENCE CHARACTERISTICS:

; LENGTH: 20 base pairs

; TYPE: nucleic acid

; STRANDEDNESS: double

; TOPOLOGY: linear

; MOLECULE TYPE: cDNA

; HYPOTHETICAL: NO

; ANTI-SENSE: NO

US-08-657-828A-3

Query Match

Best Local Similarity 100.0%; Pred. No. 0; Score 4; DB 2; Length 20;

Matches 4; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 RRCR 4
Db ||||
1 RRCR 4

RESULT 52

US-08-657-828A-3/c

; Sequence 3, Application US/08657828A
; Patent No. 5876711

; GENERAL INFORMATION:

; APPLICANT: Fattaey, Ali
; TITLE OF INVENTION: Methods and Compositions for Determining
; REFERENCE/DOCKET NUMBER: 32,028
; NUMBER OF SEQUENCES: 6

; CORRESPONDENCE ADDRESS:

; ADDRESSEE: Onyx Pharmaceuticals, Inc.
; STREET: 3031 Research Drive
; CITY: Richmond

; STATE: CA
; COUNTRY: USA
; ZIP: 94806
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30

; CURRENT APPLICATION DATA:

; FILING DATE: 31-MAY-1996
; CLASSIFICATION: 435

; ATTORNEY/AGENT INFORMATION:

; NAME: Giotta, Gregory
; REGISTRATION NUMBER: 32,028
; REFERENCE/DOCKET NUMBER: ONYX1021
; TELECOMMUNICATION INFORMATION:

; TELEPHONE: 510-262-8710
; TELEFAX: 510-758-3405

; INFORMATION FOR SEQ ID NO: 3:

; SEQUENCE CHARACTERISTICS:

; LENGTH: 20 base pairs

; TYPE: nucleic acid

; STRANDEDNESS: double

; TOPOLOGY: linear

; MOLECULE TYPE: cDNA

; HYPOTHETICAL: NO

; ANTI-SENSE: NO

US-08-657-828A-3

Query Match

Best Local Similarity 100.0%; Pred. No. 0; Score 4; DB 2; Length 20;

Matches 4; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 RRCR 4
Db ||||
20 RRCR 17

RESULT 53

US-09-260-420-3

; Sequence 3, Application US/09260420

; Patent No. 6391630

; GENERAL INFORMATION:

; APPLICANT: Fattaey, Ali

; TITLE OF INVENTION: Methods and Compositions for Determining

; REFERENCE/DOCKET NUMBER: the Tumor Suppressor Status of Cells

; NUMBER OF SEQUENCES: 6

; CORRESPONDENCE ADDRESS:

; ADDRESSEE: Onyx Pharmaceuticals, Inc.

; STREET: 3031 Research Drive

; CITY: Richmond

; STATE: CA

; COUNTRY: USA

; ZIP: 94806

; COMPUTER READABLE FORM:

; MEDIUM TYPE: Floppy disk

; COMPUTER: IBM PC compatible

; OPERATING SYSTEM: PC-DOS/MS-DOS

; SOFTWARE: PatentIn Release #1.0, Version #1.30

; CURRENT APPLICATION DATA:

; FILING DATE: 31-MAY-1996

; CLASSIFICATION: 435

; PRIOR APPLICATION DATA:

; APPLICATION NUMBER: US 08/657,828

; FILING DATE: 31-MAY-1996

; ATTORNEY/AGENT INFORMATION:

; NAME: Giotta, Gregory

; REGISTRATION NUMBER: 32,028

; REFERENCE/DOCKET NUMBER: ONYX1021

; TELECOMMUNICATION INFORMATION:

; TELEPHONE: 510-262-8710

TELEFAX: 510-758-3405
INFORMATION FOR SEQ ID NO: 3:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
TOPOLOGY: linear
MOLECULE TYPE: cDNA
HYPOTHETICAL: NO
ANTI-SENSE: NO
US-09-260-420-3

Query Match 40.0%; Score 4; DB 3; Length 20;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 4; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 RRRC 4
Db 1 RRRC 4

RESULT 54
US-09-260-420-3/c
Sequence 3, Application US/09260420
Patent No. 6391630
GENERAL INFORMATION:
APPLICANT: Fattaey, Ali
TITLE OF INVENTION: Methods and Compositions for Determining
TITLE OF INVENTION: the Tumor Suppressor Status of Cells
NUMBER OF SEQUENCES: 6
CORRESPONDENCE ADDRESS:
ADDRESSEE: Onyx Pharmaceuticals, Inc.
STREET: 3031 Research Drive
CITY: Richmond
STATE: CA
COUNTRY: USA
ZIP: 94806

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/260,420
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/657,828
FILING DATE: 31-MAY-1996
ATTORNEY/AGENT INFORMATION:
NAME: Giotta, Gregory
REGISTRATION NUMBER: 32,028
REFERENCE/DOCKET NUMBER: ONYX1021
TELEPHONE: 510-262-8710
TELEFAX: 510-758-3405
INFORMATION FOR SEQ ID NO: 3:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
TOPOLOGY: linear
MOLECULE TYPE: cDNA
HYPOTHETICAL: NO
ANTI-SENSE: NO
US-09-260-420-3

Query Match 40.0%; Score 4; DB 3; Length 20;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 4; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 RRRC 4
Db 1 RRRC 4

Db 20 RRRC 17

RESULT 55
US-07-959-119A-8
Sequence 8, Application US/07959119A
Patent No. 5487985
GENERAL INFORMATION:
APPLICANT: McClelland, Michael
APPLICANT: Welsh, John T.
APPLICANT: Sorge, Joseph A.
TITLE OF INVENTION: Arbitrarily Primed Polymerase Chain
TITLE OF INVENTION: Reaction Method For Fingerprinting Genomes
NUMBER OF SEQUENCES: 16
CORRESPONDENCE ADDRESS:
ADDRESSEE: Pennie & Edmonds
STREET: 2730 Sand Hill Road
CITY: Menlo Park
STATE: California
COUNTRY: U.S.A.
ZIP: 94025

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/07/959,119A
FILING DATE: 09-OCT-1992
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Halluin, Albert P.
REGISTRATION NUMBER: 25,227
REFERENCE/DOCKET NUMBER: 8142-021
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 854-3660
TELEFAX: (415) 854-3694
TELEX: 66141PENNIE
INFORMATION FOR SEQ ID NO: 8:
SEQUENCE CHARACTERISTICS:
LENGTH: 27 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
US-07-959-119A-8

Query Match 40.0%; Score 4; DB 2; Length 27;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 4; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 RRRC 4
Db 15 RRRC 18

RESULT 56
US-07-959-119A-8/c
Sequence 8, Application US/07959119A
Patent No. 5487985
GENERAL INFORMATION:
APPLICANT: McClelland, Michael
APPLICANT: Welsh, John T.
APPLICANT: Sorge, Joseph A.
TITLE OF INVENTION: Arbitrarily Primed Polymerase Chain
TITLE OF INVENTION: Reaction Method For Fingerprinting Genomes
NUMBER OF SEQUENCES: 16
CORRESPONDENCE ADDRESS:
ADDRESSEE: Pennie & Edmonds
STREET: 2730 Sand Hill Road
CITY: Menlo Park
STATE: California
COUNTRY: U.S.A.


```
; GENERAL INFORMATION:
; APPLICANT: McClelland, Michael
; APPLICANT: Welsh, John T.
; APPLICANT: Sorge, Joseph A.
; TITLE OF INVENTION: ARBITRARILY PRIMED POLYMERASE CHAIN
; TITLE OF INVENTION: REACTION METHOD FOR FINGERPRINTING GENOMES
; NUMBER OF SEQUENCES: 13
; CORRESPONDENCE ADDRESS:
; ADDRESSER: Pennie & Edmonds
; STREET: 1155 Avenue of the Americas
; CITY: New York
; STATE: New York
; COUNTRY: United States of America
; ZIP: 10036
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/471,994
; FILING DATE: 06-JUN-1995
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Halluin, Albert P.
; REGISTRATION NUMBER: 25,227
; REFERENCE/DOCKET NUMBER: 8142-103
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 415-854-3660
; TELEFAX: 415-854-3694
; TELEX: 66141 PENNIE
; INFORMATION FOR SEQ ID NO: 7:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 27 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: unknown
; TOPOLOGY: unknown
; MOLECULE TYPE: DNA (genomic)
; US-08-471-994-7

Query Match          40.0%; Score 4; DB 2; Length 27;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 4; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1 RRRRC 4
        |||||
Db      15 RRRRC 18

RESULT 60
US-08-471-994-7/c
; Sequence 7, Application US/08471994
; Patent No. 5861245
; GENERAL INFORMATION:
; APPLICANT: McClelland, Michael
; APPLICANT: Welsh, John T.
; APPLICANT: Sorge, Joseph A.
; TITLE OF INVENTION: ARBITRARILY PRIMED POLYMERASE CHAIN
; TITLE OF INVENTION: REACTION METHOD FOR FINGERPRINTING GENOMES
; NUMBER OF SEQUENCES: 13
; CORRESPONDENCE ADDRESS:
; ADDRESSER: Pennie & Edmonds
; STREET: 1155 Avenue of the Americas
; CITY: New York
; STATE: New York
; COUNTRY: United States of America
; ZIP: 10036
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/471,994
; FILING DATE: 06-JUN-1995
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Halluin, Albert P.
; REGISTRATION NUMBER: 25,227
; REFERENCE/DOCKET NUMBER: 8142-103
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 415-854-3660
; TELEFAX: 415-854-3694
; TELEX: 66141 PENNIE
; INFORMATION FOR SEQ ID NO: 7:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 27 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: unknown
; TOPOLOGY: unknown
; MOLECULE TYPE: DNA (genomic)
; US-08-471-994-7
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; GENERAL INFORMATION:
; APPLICATION NUMBER: US/08/471,994
; FILING DATE: 06-JUN-1995
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Halluin, Albert P.
; REGISTRATION NUMBER: 25,227
; REFERENCE/DOCKET NUMBER: 8142-103
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 415-854-3660
; TELEFAX: 415-854-3694
; TELEX: 66141 PENNIE
; INFORMATION FOR SEQ ID NO: 7:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 27 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: unknown
; TOPOLOGY: unknown
; MOLECULE TYPE: DNA (genomic)
; US-08-471-994-7

Query Match          40.0%; Score 4; DB 2; Length 27;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 4; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      7 GYYY 10
        |||||
Db      18 GYYY 15

RESULT 61
US-08-471-994-11
; Sequence 11, Application US/08471994
; Patent No. 5861245
; GENERAL INFORMATION:
; APPLICANT: McClelland, Michael
; APPLICANT: Welsh, John T.
; APPLICANT: Sorge, Joseph A.
; TITLE OF INVENTION: ARBITRARILY PRIMED POLYMERASE CHAIN
; TITLE OF INVENTION: REACTION METHOD FOR FINGERPRINTING GENOMES
; NUMBER OF SEQUENCES: 13
; CORRESPONDENCE ADDRESS:
; ADDRESSER: Pennie & Edmonds
; STREET: 1155 Avenue of the Americas
; CITY: New York
; STATE: New York
; COUNTRY: United States of America
; ZIP: 10036
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/471,994
; FILING DATE: 06-JUN-1995
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Halluin, Albert P.
; REGISTRATION NUMBER: 25,227
; REFERENCE/DOCKET NUMBER: 8142-103
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 415-854-3660
; TELEFAX: 415-854-3694
; TELEX: 66141 PENNIE
; INFORMATION FOR SEQ ID NO: 11:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 27 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: unknown
; TOPOLOGY: unknown
; MOLECULE TYPE: DNA (genomic)
; US-08-471-994-11
```

```
Query Match      40.0%; Score 4; DB 2; Length 27;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 4; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 RRRRC 4
Db 15 RRRRC 18

RESULT 62
US-08-471-994-11/c
; Sequence 11, Application US/08471994
; Patent No. 5861245
; GENERAL INFORMATION:
; APPLICANT: McCelland, Michael
; APPLICANT: Welsh, John T.
; APPLICANT: Sorge, Joseph A.
; TITLE OF INVENTION: ARBITRARILY PRIMED POLYMERASE CHAIN
; TITLE OF INVENTION: REACTION METHOD FOR FINGERPRINTING GENOMES
; NUMBER OF SEQUENCES: 13
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Pennie & Edmonds
; STREET: 1155 Avenue of the Americas
; CITY: New York
; STATE: New York
; COUNTRY: United States of America
; ZIP: 10036
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/471,994
; FILING DATE: 06-JUN-1995
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Halluin, Albert P.
; REGISTRATION NUMBER: 25,227
; REFERENCE/DOCKET NUMBER: 8142-103
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 415-854-3660
; TELEFAX: 415-854-3694
; TELEX: 66141 PENNIE
; INFORMATION FOR SEQ ID NO: 11:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 27 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: unknown
; TOPOLOGY: unknown
; MOLECULE TYPE: DNA (genomic)
US-08-471-994-11

Query Match      40.0%; Score 4; DB 2; Length 27;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 4; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 7 GYYY 10
Db 18 GYYY 15

RESULT 63
US-08-154-364-7
; Sequence 7, Application US/08154364
; Patent No. 6207810
; GENERAL INFORMATION:
; APPLICANT: McCelland, Michael
; APPLICANT: Welsh, John T.
; APPLICANT: Sorge, Joseph A.
; TITLE OF INVENTION: ARBITRARILY PRIMED
; TITLE OF INVENTION: POLYMERASE CHAIN
; TITLE OF INVENTION: REACTION METHOD FOR FINGER PRINTING
```

```
; TITLE OF INVENTION: GENOMES
; NUMBER OF SEQUENCES: 41
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Limbach and Limbach
; STREET: 2001 Ferry Building
; CITY: San Francisco
; STATE: CA
; COUNTRY: USA
; ZIP: 94111
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0,
; SOFTWARE: Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/154,364
; FILING DATE:
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Bortner, Scott R.
; REGISTRATION NUMBER: 34,298
; REFERENCE/DOCKET NUMBER: STRG-20142 USA
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 415-433-4150
; TELEFAX: 414-433-8716
; INFORMATION FOR SEQ ID NO: 7:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 27 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
US-08-154-364-7

Query Match      40.0%; Score 4; DB 3; Length 27;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 4; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 RRRRC 4
Db 15 RRRRC 18

RESULT 64
US-08-154-364-7/c
; Sequence 7, Application US/08154364
; Patent No. 6207810
; GENERAL INFORMATION:
; APPLICANT: McCelland, Michael
; APPLICANT: Welsh, John T.
; APPLICANT: Sorge, Joseph A.
; TITLE OF INVENTION: ARBITRARILY PRIMED
; TITLE OF INVENTION: POLYMERASE CHAIN
; TITLE OF INVENTION: REACTION METHOD FOR FINGER PRINTING
; NUMBER OF SEQUENCES: 41
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Limbach and Limbach
; STREET: 2001 Ferry Building
; CITY: San Francisco
; STATE: CA
; COUNTRY: USA
; ZIP: 94111
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0,
; SOFTWARE: Version #1.25
; CURRENT APPLICATION DATA:
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/ APPLICATION NUMBER: US/08/154,364
/ FILING DATE:
/ CLASSIFICATION: 435
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Bortner, Scott R.
/ REGISTRATION NUMBER: 34,298
/ REFERENCES/DOCKET NUMBER: STRG-20142 USA
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: 415-433-4150
/ TELEFAX: 414-433-8716
/ INFORMATION FOR SEQ ID NO: 7:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 27 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/ MOLECULE TYPE: DNA (genomic)
/ HYPOTHETICAL: NO
/ ANTI-SENSE: NO
/ US-08-154-364-7

Query Match          40.0%; Score 4; DB 3; Length 27;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 4; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      7 GYYY 10
Db      18 GYYY 15

RESULT 65
US-08-397-335-8
; Sequence 8, Application US/08397335
; Patent No. 6696277
; GENERAL INFORMATION:
; APPLICANT: McClelland, Michael
; APPLICANT: Welsh, John T.
; APPLICANT: Sorge, Joseph A.
; TITLE OF INVENTION: Arbitrarily Primed Polymerase Chain
; TITLE OF INVENTION: Reaction Method For Fingerprinting Genomes
; NUMBER OF SEQUENCES: 16
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Pennie & Edmonds
; STREET: 2730 Sand Hill Road
; CITY: Menlo Park
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 94025
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/397,335
; FILING DATE: Concurrently herewith.
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/959,119
; FILING DATE: 09-DEC-1992
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Halluin, Albert P.
; REGISTRATION NUMBER: 25,227
; REFERENCE/DOCKET NUMBER: 8142-092
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 854-3660
; TELEFAX: (415) 854-3694
; TELEX: 66141 PENNIE
; INFORMATION FOR SEQ ID NO: 8:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 27 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
/ US-08-397-335-8

Query Match          40.0%; Score 4; DB 3; Length 27;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 4; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      7 GYYY 10
Db      18 GYYY 15

RESULT 67
US-08-397-335-9
; Sequence 9, Application US/08397335
; Patent No. 6696277
```

```
/ TOPOLOGY: linear
/ MOLECULE TYPE: DNA (genomic)
/ US-08-397-335-8

Query Match          40.0%; Score 4; DB 3; Length 27;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 4; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1 RRRC 4
Db      15 RRRC 18

RESULT 66
US-08-397-335-8/c
; Sequence 8, Application US/08397335
; Patent No. 6696277
; GENERAL INFORMATION:
; APPLICANT: McClelland, Michael
; APPLICANT: Welsh, John T.
; APPLICANT: Sorge, Joseph A.
; TITLE OF INVENTION: Arbitrarily Primed Polymerase Chain
; TITLE OF INVENTION: Reaction Method For Fingerprinting Genomes
; NUMBER OF SEQUENCES: 16
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Pennie & Edmonds
; STREET: 2730 Sand Hill Road
; CITY: Menlo Park
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 94025
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/397,335
; FILING DATE: Concurrently herewith.
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/959,119
; FILING DATE: 09-DEC-1992
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Halluin, Albert P.
; REGISTRATION NUMBER: 25,227
; REFERENCE/DOCKET NUMBER: 8142-092
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 854-3660
; TELEFAX: (415) 854-3694
; TELEX: 66141 PENNIE
; INFORMATION FOR SEQ ID NO: 8:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 27 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
/ US-08-397-335-8

Query Match          40.0%; Score 4; DB 3; Length 27;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 4; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      7 GYYY 10
Db      18 GYYY 15

RESULT 67
US-08-397-335-9
; Sequence 9, Application US/08397335
; Patent No. 6696277
```

```
;/ GENERAL INFORMATION:
;/ APPLICANT: McClelland, Michael
;/ APPLICANT: Welsh, John T.
;/ APPLICANT: Sorge, Joseph A.
;/ TITLE OF INVENTION: Arbitrarily Primed Polymerase Chain
;/ TITLE OF INVENTION: Reaction Method For Fingerprinting Genomes
;/ NUMBER OF SEQUENCES: 16
;/ CORRESPONDENCE ADDRESS:
;/ ADDRESSEE: Pennie & Edmonds
;/ STREET: 2730 Sand Hill Road
;/ CITY: Menlo Park
;/ STATE: California
;/ COUNTRY: U.S.A.
;/ ZIP: 94025
;/ COMPUTER READABLE FORM:
;/ MEDIUM TYPE: Floppy disk
;/ COMPUTER: IBM PC compatible
;/ OPERATING SYSTEM: PC-DOS/MS-DOS
;/ SOFTWARE: Patent In Release #1.0, Version #1.25
;/ CURRENT APPLICATION DATA:
;/ APPLICATION NUMBER: US/08/397,335
;/ FILING DATE: Concurrently herewith.
;/ PRIOR APPLICATION NUMBER: US 07/959,119
;/ FILING DATE: 09-DEC-1992
;/ APPLICATION NUMBER: 8142-092
;/ CLASSIFICATION: 435
;/ ATTORNEY/AGENT INFORMATION:
;/ NAME: Halluin, Albert P.
;/ REGISTRATION NUMBER: 25,227
;/ REFERENCE/DOCKET NUMBER: 8142-092
;/ TELECOMMUNICATION INFORMATION:
;/ TELEPHONE: (415) 854-3660
;/ TELEFAX: (415) 854-3694
;/ TELEX: 66141 PENNIE
;/ INFORMATION FOR SEQ ID NO: 9:
;/ SEQUENCE CHARACTERISTICS:
;/ LENGTH: 27 base pairs
;/ TYPE: nucleic acid
;/ STRANDEDNESS: single
;/ TOPOLOGY: linear
;/ MOLECULE TYPE: DNA (genomic)
;/ US-08-397-335-9

Query Match 40.0%; Score 4; DB 3; Length 27;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 4; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 RRRRC 4
Db 15 RRRRC 18

RESULT 68
US-08-397-335-9/c
; Sequence 9, Application US/08397335
; Patent No. 6696277
; GENERAL INFORMATION:
; APPLICANT: McClelland, Michael
; APPLICANT: Welsh, John T.
; APPLICANT: Sorge, Joseph A.
; TITLE OF INVENTION: Arbitrarily Primed Polymerase Chain
; TITLE OF INVENTION: Reaction Method For Fingerprinting Genomes
; NUMBER OF SEQUENCES: 16
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Pennie & Edmonds
; STREET: 2730 Sand Hill Road
; CITY: Menlo Park
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 94025
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
```

```
;/ OPERATING SYSTEM: PC-DOS/MS-DOS
;/ SOFTWARE: Patent In Release #1.0, Version #1.25
;/ CURRENT APPLICATION DATA:
;/ APPLICATION NUMBER: US/08/397,335
;/ FILING DATE: Concurrently herewith.
;/ PRIOR APPLICATION DATA:
;/ APPLICATION NUMBER: US 07/959,119
;/ FILING DATE: 09-DEC-1992
;/ CLASSIFICATION: 435
;/ ATTORNEY/AGENT INFORMATION:
;/ NAME: Halluin, Albert P.
;/ REGISTRATION NUMBER: 25,227
;/ REFERENCE/DOCKET NUMBER: 8142-092
;/ TELECOMMUNICATION INFORMATION:
;/ TELEPHONE: (415) 854-3660
;/ TELEFAX: (415) 854-3694
;/ TELEX: 66141 PENNIE
;/ INFORMATION FOR SEQ ID NO: 9:
;/ SEQUENCE CHARACTERISTICS:
;/ LENGTH: 27 base pairs
;/ TYPE: nucleic acid
;/ STRANDEDNESS: single
;/ TOPOLOGY: linear
;/ MOLECULE TYPE: DNA (genomic)
;/ US-08-397-335-9

Query Match 40.0%; Score 4; DB 3; Length 27;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 4; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 7 GYYY 10
Db 18 GYYY 15

RESULT 69
US-09-347-343-1
; Sequence 1, Application US/09347343A
; Patent No. 6514948
; GENERAL INFORMATION:
; APPLICANT: RAZ, Eyal R.
; APPLICANT: KOBAYASHI, Hiroko
; TITLE OF INVENTION: METHOD FOR ENHANCING AN IMMUNE RESPONSE
; FILE REFERENCE: 30448.64US01
; CURRENT APPLICATION NUMBER: US/09/347,343A
; CURRENT FILING DATE: 1999-07-02
; NUMBER OF SEQ ID NOS: 40
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 1
; LENGTH: 6
; TYPE: DNA
; ORGANISM: synthetic oligonucleotide
; US-09-347-343-1

Query Match 30.0%; Score 3; DB 3; Length 6;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2 RRC 4
Db 1 RRC 3

RESULT 70
US-09-347-343-1/c
; Sequence 1, Application US/09347343A
; Patent No. 6514948
; GENERAL INFORMATION:
; APPLICANT: RAZ, Eyal R.
; APPLICANT: KOBAYASHI, Hiroko
; TITLE OF INVENTION: METHOD FOR ENHANCING AN IMMUNE RESPONSE
; FILE REFERENCE: 30448.64US01
; CURRENT APPLICATION NUMBER: US/09/347,343A
```


; CURRENT FILING DATE: 1999-07-02
; NUMBER OF SEQ ID NOS: 40
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 1
; LENGTH: 6
; TYPE: DNA
; ORGANISM: synthetic oligonucleotide
US-09-347-343-1

Query Match 30.0%; Score 3; DB 3; Length 6;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2 RRC 4
|||
Db 6 RRC 4

RESULT 71
US-09-347-343-2
; Sequence 2, Application US/09347343A
; Patent No. 6514948
; GENERAL INFORMATION:
; APPLICANT: RAZ, Eyal R.
; APPLICANT: KOBAYASHI, Hiroko
; TITLE OF INVENTION: METHOD FOR ENHANCING AN IMMUNE RESPONSE
; FILE REFERENCE: 30448.64US01
; CURRENT APPLICATION NUMBER: US/09/347,343A
; CURRENT FILING DATE: 1999-07-02
; NUMBER OF SEQ ID NOS: 40
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 2
; LENGTH: 6
; TYPE: DNA
; ORGANISM: synthetic oligonucleotide
US-09-347-343-2

Query Match 30.0%; Score 3; DB 3; Length 6;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 7 GY 9
|||
Db 4 GY 6

RESULT 72
US-09-347-343-2/c
; Sequence 2, Application US/09347343A
; Patent No. 6514948
; GENERAL INFORMATION:
; APPLICANT: RAZ, Eyal R.
; APPLICANT: KOBAYASHI, Hiroko
; TITLE OF INVENTION: METHOD FOR ENHANCING AN IMMUNE RESPONSE
; FILE REFERENCE: 30448.64US01
; CURRENT APPLICATION NUMBER: US/09/347,343A
; CURRENT FILING DATE: 1999-07-02
; NUMBER OF SEQ ID NOS: 40
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 2
; LENGTH: 6
; TYPE: DNA
; ORGANISM: synthetic oligonucleotide
US-09-347-343-2

Query Match 30.0%; Score 3; DB 3; Length 6;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2 RRC 4
|||
Db 6 RRC 4

RESULT 73
US-09-936-552A-4
; Sequence 4, Application US/09936552A
; Patent No. 6610907
; GENERAL INFORMATION:
; APPLICANT: INSTITUTE OF GENETICS, CHINESE ACADEMY OF SCIENCES
; APPLICANT: Zhu, Zhen
; APPLICANT: Xie, Yingqiu
; APPLICANT: Liu, Yule
; TITLE OF INVENTION: COTTON LEAF CURL VIRUS (CLCUV) PROMOTER AND ITS USE
; FILE REFERENCE: 2896-4001
; CURRENT APPLICATION NUMBER: US/09/936,552A
; CURRENT FILING DATE: 2001-09-14
; PRIOR APPLICATION NUMBER: CN 99103044.3
; PRIOR FILING DATE: 1999-03-22
; NUMBER OF SEQ ID NOS: 11
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 4
; LENGTH: 6
; TYPE: DNA
; ORGANISM: Cotton leaf curl virus
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (1)..(3)
; OTHER INFORMATION: y=pyrimidine
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (5)..(5)
; OTHER INFORMATION: y=pyrimidine
US-09-936-552A-4

Query Match 30.0%; Score 3; DB 3; Length 6;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 8 YYY 10
|||
Db 1 YYY 3

RESULT 74
US-09-936-552A-4/c
; Sequence 4, Application US/09936552A
; Patent No. 6610907
; GENERAL INFORMATION:
; APPLICANT: INSTITUTE OF GENETICS, CHINESE ACADEMY OF SCIENCES
; APPLICANT: Zhu, Zhen
; APPLICANT: Xie, Yingqiu
; APPLICANT: Liu, Yule
; TITLE OF INVENTION: COTTON LEAF CURL VIRUS (CLCUV) PROMOTER AND ITS USE
; FILE REFERENCE: 2896-4001
; CURRENT APPLICATION NUMBER: US/09/936,552A
; CURRENT FILING DATE: 2001-09-14
; PRIOR APPLICATION NUMBER: CN 99103044.3
; PRIOR FILING DATE: 1999-03-22
; NUMBER OF SEQ ID NOS: 11
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 4
; LENGTH: 6
; TYPE: DNA
; ORGANISM: Cotton leaf curl virus
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (1)..(3)
; OTHER INFORMATION: y=pyrimidine
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (5)..(5)
; OTHER INFORMATION: y=pyrimidine
US-09-936-552A-4

Query Match 30.0%; Score 3; DB 3; Length 6;

```
Best Local Similarity 100.0%; Pred. No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 RRR 3
Db |||
3 RRR 1

RESULT 75
US-09-263-692A-8
; Sequence 8, Application US/09263692A
; Patent No. 6639065
; GENERAL INFORMATION:
; APPLICANT: Council of Scientific and Industrial Research
; TITLE OF INVENTION: A chemically synthesized artificial promoter for high level expression
; FILE REFERENCE: Q52511
; CURRENT APPLICATION NUMBER: US/09/263,692A
; PRIOR FILING DATE: 1999-03-05
; PRIOR APPLICATION NUMBER: 3322/Del/98
; PRIOR FILING DATE: 1998-11-09
; NUMBER OF SEQ ID NOS: 20
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 8
; LENGTH: 6
; TYPE: DNA
; ORGANISM: Artificial
; FEATURE:
; OTHER INFORMATION: domain II(b)
US-09-263-692A-8

Query Match 30.0%; Score 3; DB 3; Length 6;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 4 CWW 6
Db |||
1 CWW 3

RESULT 76
US-09-263-692A-8/c
; Sequence 8, Application US/09263692A
; Patent No. 6639065
; GENERAL INFORMATION:
; APPLICANT: Council of Scientific and Industrial Research
; TITLE OF INVENTION: A chemically synthesized artificial promoter for high level expression
; FILE REFERENCE: Q52511
; CURRENT APPLICATION NUMBER: US/09/263,692A
; PRIOR FILING DATE: 1999-03-05
; PRIOR APPLICATION NUMBER: 3322/Del/98
; PRIOR FILING DATE: 1998-11-09
; NUMBER OF SEQ ID NOS: 20
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 8
; LENGTH: 6
; TYPE: DNA
; ORGANISM: Artificial
; FEATURE:
; OTHER INFORMATION: domain II(b)
US-09-263-692A-8

Query Match 30.0%; Score 3; DB 3; Length 6;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 5 WWG 7
Db |||
6 WWG 4

RESULT 77
US-09-263-692A-8

Query Match 30.0%; Score 3; DB 3; Length 6;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 4 CWW 6
Db |||
8 CWW 6

RESULT 79
US-09-305-839-41
; Sequence 41, Application US/09305839
; Patent No. 6514935
; GENERAL INFORMATION:
; APPLICANT: Lee, Mu-En

US-08-646-301A-9
; Sequence 9, Application US/08646301A
; Patent No. 6194211
; GENERAL INFORMATION:
; APPLICANT: Richards, Cynthia Ann
; APPLICANT: Huber, Brian E.
; TITLE OF INVENTION: Transcriptional Regulatory Sequence of Carcinoembryonic
; Patent No. 6194211
; TITLE OF INVENTION: Antigen for Expression Targeting
; FILE REFERENCE: PB1508USW
; CURRENT APPLICATION NUMBER: US/08/646,301A
; CURRENT FILING DATE: 1996-05-16
; NUMBER OF SEQ ID NOS: 25
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 9
; LENGTH: 8
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: consensus
; Patent No. 6194211
US-08-646-301A-9

Query Match 30.0%; Score 3; DB 3; Length 8;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 5 WWG 7
Db |||
6 WWG 8

RESULT 78
US-08-646-301A-9/c
; Sequence 9, Application US/08646301A
; Patent No. 6194211
; GENERAL INFORMATION:
; APPLICANT: Richards, Cynthia Ann
; APPLICANT: Huber, Brian E.
; TITLE OF INVENTION: Transcriptional Regulatory Sequence of Carcinoembryonic
; Patent No. 6194211
; TITLE OF INVENTION: Antigen for Expression Targeting
; FILE REFERENCE: PB1508USW
; CURRENT APPLICATION NUMBER: US/08/646,301A
; CURRENT FILING DATE: 1996-05-16
; NUMBER OF SEQ ID NOS: 25
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 9
; LENGTH: 8
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: consensus
; Patent No. 6194211
US-08-646-301A-9

Query Match 30.0%; Score 3; DB 3; Length 8;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 5 WWG 7
Db |||
6 WWG 8
```

```
; APPLICANT: Yet, Shaw-Pang
; TITLE OF INVENTION: Methods of Treating Hypertension
; FILE REFERENCE: 21508-064
; CURRENT APPLICATION NUMBER: US/09/305,839
; CURRENT FILING DATE: 1999-05-05
; PRIOR APPLICATION NUMBER: 08/818,655
; PRIOR FILING DATE: 1997-03-14
; NUMBER OF SEQ ID NOS: 46
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 41
; LENGTH: 8
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: consensus
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:consensus
US-09-305-839-41

Query Match      30.0%; Score 3; DB 3; Length 8;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      8 YYY 10
Db      6 YYY 8

RESULT 80
US-09-305-839-41/c
; Sequence 41, Application US/09305839
; Patent No. 6514935
; GENERAL INFORMATION:
; APPLICANT: Lee, Mu-En
; APPLICANT: Yet, Shaw-Pang
; TITLE OF INVENTION: Methods of Treating Hypertension
; FILE REFERENCE: 21508-064
; CURRENT APPLICATION NUMBER: US/09/305,839
; CURRENT FILING DATE: 1999-05-05
; PRIOR APPLICATION NUMBER: 08/818,655
; PRIOR FILING DATE: 1997-03-14
; NUMBER OF SEQ ID NOS: 46
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 41
; LENGTH: 8
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: consensus
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:consensus
US-09-305-839-41

Query Match      30.0%; Score 3; DB 3; Length 8;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1 RRR 3
Db      8 RRR 6

RESULT 81
US-09-347-343-3
; Sequence 3, Application US/09347343A
; Patent No. 6514948
; GENERAL INFORMATION:
; APPLICANT: RAZ, Eyal R.
; APPLICANT: KOBAYASHI, Hiroko
; TITLE OF INVENTION: METHOD FOR ENHANCING AN IMMUNE RESPONSE
; FILE REFERENCE: 30448.64US01
; CURRENT APPLICATION NUMBER: US/09/347,343A
; CURRENT FILING DATE: 1999-07-02
; NUMBER OF SEQ ID NOS: 40
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 41
; LENGTH: 8
; TYPE: DNA
; ORGANISM: synthetic oligonucleotide
US-09-347-343-3
```

```
; NUMBER OF SEQ ID NOS: 40
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 3
; LENGTH: 8
; TYPE: DNA
; ORGANISM: synthetic oligonucleotide
US-09-347-343-3

Query Match      30.0%; Score 3; DB 3; Length 8;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      2 RRC 4
Db      1 RRC 3

RESULT 82
US-09-347-343-3/c
; Sequence 3, Application US/09347343A
; Patent No. 6514948
; GENERAL INFORMATION:
; APPLICANT: RAZ, Eyal R.
; APPLICANT: KOBAYASHI, Hiroko
; TITLE OF INVENTION: METHOD FOR ENHANCING AN IMMUNE RESPONSE
; FILE REFERENCE: 30448.64US01
; CURRENT APPLICATION NUMBER: US/09/347,343A
; CURRENT FILING DATE: 1999-07-02
; NUMBER OF SEQ ID NOS: 40
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 3
; LENGTH: 8
; TYPE: DNA
; ORGANISM: synthetic oligonucleotide
US-09-347-343-3

Query Match      30.0%; Score 3; DB 3; Length 8;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      2 RRC 4
Db      6 RRC 4

RESULT 83
US-09-347-343-4
; Sequence 4, Application US/09347343A
; Patent No. 6514948
; GENERAL INFORMATION:
; APPLICANT: RAZ, Eyal R.
; APPLICANT: KOBAYASHI, Hiroko
; TITLE OF INVENTION: METHOD FOR ENHANCING AN IMMUNE RESPONSE
; FILE REFERENCE: 30448.64US01
; CURRENT APPLICATION NUMBER: US/09/347,343A
; CURRENT FILING DATE: 1999-07-02
; NUMBER OF SEQ ID NOS: 40
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 4
; LENGTH: 8
; TYPE: DNA
; ORGANISM: synthetic oligonucleotide
US-09-347-343-4

Query Match      30.0%; Score 3; DB 3; Length 8;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      7 GYY 9
Db      4 GYY 6
```

```
RESULT 84
US-09-347-343-4/C
; Sequence 4, Application US/09347343A
; Patent No. 6514948
; GENERAL INFORMATION:
; APPLICANT: KOBAYASHI, Hiroko
; TITLE OF INVENTION: METHOD FOR ENHANCING AN IMMUNE RESPONSE
; FILE REFERENCE: 30448.64US01
; CURRENT APPLICATION NUMBER: US/09/347,343A
; CURRENT FILING DATE: 1999-07-02
; NUMBER OF SEQ ID NOS: 40
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 4
; LENGTH: 8
; TYPE: DNA
; ORGANISM: synthetic oligonucleotide
US-09-347-343-4

Query Match      30.0%; Score 3; DB 3; Length 8;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      2 RRC 4
      |||
Db      6 RRC 4

RESULT 85
US-09-263-692A-7
; Sequence 7, Application US/09263692A
; Patent No. 6639065
; GENERAL INFORMATION:
; APPLICANT: Council of Scientific and Industrial Research
; TITLE OF INVENTION: A chemically synthesized artificial promoter for high level expression
; FILE REFERENCE: Q52511
; CURRENT APPLICATION NUMBER: US/09/263,692A
; CURRENT FILING DATE: 1999-03-05
; PRIOR APPLICATION NUMBER: 3322/Del/98
; PRIOR FILING DATE: 1998-11-09
; NUMBER OF SEQ ID NOS: 20
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 7
; LENGTH: 8
; TYPE: DNA
; ORGANISM: Artificial
; FEATURE:
; OTHER INFORMATION: domain II(a)
US-09-263-692A-7

Query Match      30.0%; Score 3; DB 3; Length 8;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1 RRR 3
      |||
Db      1 RRR 3

RESULT 86
US-09-263-692A-7/C
; Sequence 7, Application US/09263692A
; Patent No. 6639065
; GENERAL INFORMATION:
; APPLICANT: Council of Scientific and Industrial Research
; TITLE OF INVENTION: A chemically synthesized artificial promoter for high level expression
; FILE REFERENCE: Q52511
; CURRENT APPLICATION NUMBER: US/09/263,692A
; CURRENT FILING DATE: 1999-03-05
; PRIOR APPLICATION NUMBER: 3322/Del/98
; PRIOR FILING DATE: 1998-11-09
```

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; NUMBER OF SEQ ID NOS: 20
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 7
; LENGTH: 8
; TYPE: DNA
; ORGANISM: Artificial
; FEATURE:
; OTHER INFORMATION: domain II(a)
US-09-263-692A-7

Query Match      30.0%; Score 3; DB 3; Length 8;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      8 YYY 10
      |||
Db      8 YYY 6

RESULT 87
US-07-882-838E-1
; Sequence 1, Application US/07882838E
; Patent No. 5616461
; GENERAL INFORMATION:
; APPLICANT: Priscilla A. Schaffer
; APPLICANT: Christine E. Dabrowski Amaral
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
; TITLE OF INVENTION: TREATMENT OF VIRUS INFECTIONS
; NUMBER OF SEQUENCES: 49
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Woodcock Washburn
; STREET: One Liberty Place
; CITY: Philadelphia
; STATE: Pennsylvania
; COUNTRY: U.S.A.
; ZIP: 19103
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; COMPUTER: IBM PS/2 Model 502 or 55SX
; OPERATING SYSTEM: IBM P.C. DOS (Version 3.30)
; SOFTWARE: Wordperfect (Version 5.1)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/07/882,838E
; FILING DATE: May 14, 1992
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Kathryn Leary
; REGISTRATION NUMBER: 36,317
; REFERENCE/DOCKET NUMBER: DFCI-0001
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (215) 568-3100
; TELEFAX: (215) 568-3439
; TELEX:
; INFORMATION FOR SEQ ID NO: 1:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 9
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-07-882-838E-1

Query Match      30.0%; Score 3; DB 2; Length 9;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      8 YYY 10
      |||
Db      4 YYY 6
```

RESULT 88
US-07-882-838E-1/c
; Sequence 1, Application US/07882838E
; Patent No. 5616461
; GENERAL INFORMATION:
; APPLICANT: Priscilla A. Schaffer
; APPLICANT: Christine E. Dabrowski Amaral
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
; TITLE OF INVENTION: TREATMENT OF VIRUS INFECTIONS
; NUMBER OF SEQUENCES: 49
; CORRESPONDENCE ADDRESS:
; ADDRESS: Woodcock Washburn
; STREET: One Liberty Place
; CITY: Philadelphia
; STATE: Pennsylvania
; COUNTRY: U.S.A.
; ZIP: 19103
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; COMPUTER: IBM PS/2 Model 502 or 55SX
; OPERATING SYSTEM: IBM P.C. DOS (Version 3.30)
; SOFTWARE: WordPerfect (Version 5.1)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/07/882,838E
; FILING DATE: May 14, 1992
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Kathryn Leary
; REGISTRATION NUMBER: 36,317
; REFERENCE/DOCKET NUMBER: DPCI-0001
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (215) 568-3100
; TELEFAX: (215) 568-3439
; TELEX:
; INFORMATION FOR SEQ ID NO: 1:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 9
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-07-882-838E-1

Query Match 30.0%; Score 3; DB 2; Length 9;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 RRR 3
Db 6 RRR 4

RESULT 89
US-08-643-886-11
; Sequence 11, Application US/08643886
; Patent No. 5695977
; GENERAL INFORMATION:
; APPLICANT: JURKA, Jerzy W.
; TITLE OF INVENTION: Site Directed Recombination
; NUMBER OF SEQUENCES: 22
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Flehr, Hobbach, Test, Albritton & Herbert
; STREET: Four Embarcadero Center, Suite 3400
; CITY: San Francisco
; STATE: CA
; COUNTRY: US
; ZIP: 94111
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS

; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/643,886
; FILING DATE:
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Rowland, Bertram I
; REGISTRATION NUMBER: 20015
; REFERENCE/DOCKET NUMBER: A-63252/BIR
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 415-781-1989
; TELEFAX: 415-398-3249
; INFORMATION FOR SEQ ID NO: 11:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 9 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: /desc = "sequence"
US-08-643-886-11

Query Match 30.0%; Score 3; DB 2; Length 9;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 RRR 3
Db 6 RRR 8

RESULT 90
US-08-643-886-11/c
; Sequence 11, Application US/08643886
; Patent No. 5695977
; GENERAL INFORMATION:
; APPLICANT: JURKA, Jerzy W.
; TITLE OF INVENTION: Site Directed Recombination
; NUMBER OF SEQUENCES: 22
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Flehr, Hobbach, Test, Albritton & Herbert
; STREET: Four Embarcadero Center, Suite 3400
; CITY: San Francisco
; STATE: CA
; COUNTRY: US
; ZIP: 94111
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/643,886
; FILING DATE:
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Rowland, Bertram I
; REGISTRATION NUMBER: 20015
; REFERENCE/DOCKET NUMBER: A-63252/BIR
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 415-781-1989
; TELEFAX: 415-398-3249
; INFORMATION FOR SEQ ID NO: 11:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 9 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: /desc = "sequence"
US-08-643-886-11

Query Match 30.0%; Score 3; DB 2; Length 9;

Best Local Similarity 100.0%; Pred. No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 8 YYY 10
Db |||
8 YYY 6

RESULT 91
US-08-122-433-34
; Sequence 34, Application US/08122433
; Patent No. 5683985
; GENERAL INFORMATION:
; APPLICANT: Chu, Barbara C.F.
; TITLE OF INVENTION: OLIGOPEPTIDOMIMETICS AND
; TITLE OF INVENTION: OLIGOPEPTIDOMIMETICS USEFUL AS DECOYS FOR PROTEINS WHICH
; TITLE OF INVENTION: SELECTIVELY BIND TO DEFINED DNA SEQUENCES
; NUMBER OF SEQUENCES: 47
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: PRETTY, SCHROEDER, BRUEGGEMANN & CLARK
; STREET: 444 South Flower Street, Suite 2000
; CITY: Los Angeles
; STATE: California
; COUNTRY: USA
; ZIP: 90071
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/122,433
; FILING DATE: 22-SEP-1993
; CLASSIFICATION: 514
; PRIOR APPLICATION NUMBER: US 07/687,337
; FILING DATE: 18-APR-1991
; ATTORNEY/AGENT INFORMATION:
; NAME: Reiter, Stephen E.
; REGISTRATION NUMBER: 31,192
; REFERENCE/DOCKET NUMBER: P31 9308
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 619-546-9392
; TELEFAX: 619-546-9392
; INFORMATION FOR SEQ ID NO: 34:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 10 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
US-08-122-433-34

Query Match 30.0%; Score 3; DB 2; Length 10;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 4 CWW 6
Db |||
2 CWW 4

RESULT 92
US-08-122-433-34/c
; Sequence 34, Application US/08122433
; Patent No. 5683985
; GENERAL INFORMATION:
; APPLICANT: Chu, Barbara C.F.
; TITLE OF INVENTION: OLIGOPEPTIDOMIMETICS AND
; TITLE OF INVENTION: OLIGOPEPTIDOMIMETICS USEFUL AS DECOYS FOR PROTEINS WHICH
; TITLE OF INVENTION: SELECTIVELY BIND TO DEFINED DNA SEQUENCES

NUMBER OF SEQUENCES: 47
CORRESPONDENCE ADDRESS:
ADDRESSEE: PRETTY, SCHROEDER, BRUEGGEMANN & CLARK
STREET: 444 South Flower Street, Suite 2000
CITY: Los Angeles
STATE: California
COUNTRY: USA
ZIP: 90071
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/122,433
FILING DATE: 22-SEP-1993
CLASSIFICATION: 514
PRIOR APPLICATION NUMBER: US 07/687,337
FILING DATE: 18-APR-1991
ATTORNEY/AGENT INFORMATION:
NAME: Reiter, Stephen E.
REGISTRATION NUMBER: 31,192
REFERENCE/DOCKET NUMBER: P31 9308
TELECOMMUNICATION INFORMATION:
TELEPHONE: 619-546-9392
TELEFAX: 619-546-9392
INFORMATION FOR SEQ ID NO: 34:
SEQUENCE CHARACTERISTICS:
LENGTH: 10 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid
US-08-122-433-34

Query Match 30.0%; Score 3; DB 2; Length 10;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 4 CWW 6
Db |||
9 CWW 7

RESULT 93
US-08-643-886-1
; Sequence 1, Application US/08643886
; Patent No. 5695977
; GENERAL INFORMATION:
; APPLICANT: JURKA, Jerzy W.
; TITLE OF INVENTION: Site Directed Recombination
; NUMBER OF SEQUENCES: 22
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Flehr, Hohbach, Test, Albritton & Herbert
; STREET: Four Embarcadero Center, Suite 3400
; CITY: San Francisco
; STATE: CA
; COUNTRY: US
; ZIP: 94111
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/643,886
FILING DATE:
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Rowland, Bertram I
REGISTRATION NUMBER: 20015
REFERENCE/DOCKET NUMBER: A-63252/BIR

QY 4 CWW 6
Db |||
2 CWW 4

RESULT 94
US-08-122-433-34/c
; Sequence 34, Application US/08122433
; Patent No. 5683985
; GENERAL INFORMATION:
; APPLICANT: Chu, Barbara C.F.
; TITLE OF INVENTION: OLIGOPEPTIDOMIMETICS AND
; TITLE OF INVENTION: OLIGOPEPTIDOMIMETICS USEFUL AS DECOYS FOR PROTEINS WHICH
; TITLE OF INVENTION: SELECTIVELY BIND TO DEFINED DNA SEQUENCES

TELECOMMUNICATION INFORMATION:
TELEPHONE: 415-781-1989
TELEFAX: 415-398-3249
INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
LENGTH: 10 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid
DESCRIPTION: /desc = "sequence"
US-08-643-886-1

Query Match 30.0%; Score 3; DB 2; Length 10;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 8 YYY 10
DB 7 YYY 9

RESULT 94
US-08-643-886-1/c
Sequence 1, Application US/08643886
Patent No. 5695977
GENERAL INFORMATION:
APPLICANT: JURKA, Jerzy W.
TITLE OF INVENTION: Site Directed Recombination
NUMBER OF SEQUENCES: 22
CORRESPONDENCE ADDRESS:
ADDRESSEE: Flehr, Hobbach, Test, Albritton & Herbert
STREET: Four Embarcadero Center, Suite 3400
CITY: San Francisco
STATE: CA
COUNTRY: US
ZIP: 94111
COMPUTER READABLE FORM:
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/643,886
FILING DATE:
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Rowland, Bertram I
REGISTRATION NUMBER: 20015
REFERENCE/DOCKET NUMBER: A-63252/BIR
TELECOMMUNICATION INFORMATION:
TELEPHONE: 415-781-1989
TELEFAX: 415-398-3249
INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
LENGTH: 10 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid
DESCRIPTION: /desc = "sequence"
US-08-643-886-1

Query Match 30.0%; Score 3; DB 2; Length 10;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 RRR 3
DB 9 RRR 7

RESULT 95

US-08-643-886-12
Sequence 12, Application US/08643886
Patent No. 5695977
GENERAL INFORMATION:
APPLICANT: JURKA, Jerzy W.
TITLE OF INVENTION: Site Directed Recombination
NUMBER OF SEQUENCES: 22
CORRESPONDENCE ADDRESS:
ADDRESSEE: Flehr, Hobbach, Test, Albritton & Herbert
STREET: Four Embarcadero Center, Suite 3400
CITY: San Francisco
STATE: CA
COUNTRY: US
ZIP: 94111
COMPUTER READABLE FORM:
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/643,886
FILING DATE:
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Rowland, Bertram I
REGISTRATION NUMBER: 20015
REFERENCE/DOCKET NUMBER: A-63252/BIR
TELECOMMUNICATION INFORMATION:
TELEPHONE: 415-781-1989
TELEFAX: 415-398-3249
INFORMATION FOR SEQ ID NO: 12:
SEQUENCE CHARACTERISTICS:
LENGTH: 10 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid
DESCRIPTION: /desc = "sequence"
US-08-643-886-12

Query Match 30.0%; Score 3; DB 2; Length 10;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 RRR 3
DB 7 RRR 9

RESULT 96
US-08-643-886-12/c
Sequence 12, Application US/08643886
Patent No. 5695977
GENERAL INFORMATION:
APPLICANT: JURKA, Jerzy W.
TITLE OF INVENTION: Site Directed Recombination
NUMBER OF SEQUENCES: 22
CORRESPONDENCE ADDRESS:
ADDRESSEE: Flehr, Hobbach, Test, Albritton & Herbert
STREET: Four Embarcadero Center, Suite 3400
CITY: San Francisco
STATE: CA
COUNTRY: US
ZIP: 94111
COMPUTER READABLE FORM:
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/643,886
FILING DATE:
CLASSIFICATION: 435

```
; ATTORNEY/AGENT INFORMATION:
; NAME: Rowland, Bertram I
; REGISTRATION NUMBER: 20015
; REFERENCE/DOCKET NUMBER: A-63252/BIR
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 415-781-1989
; TELEFAX: 415-398-3249
; INFORMATION FOR SEQ ID NO: 12:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 10 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: /desc = "sequence"
US-08-643-886-12

Query Match 30.0%; Score 3; DB 2; Length 10;
Best Local Similarity 100.0%; Pred.No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 8 YYY 10
Db 9 YYY 7

RESULT 97
US-08-472-809B-5
; Sequence 5, Application US/08472809B
; Patent No. 5925564
; GENERAL INFORMATION:
; APPLICANT: Schwartz, Robert J.
; APPLICANT: DeMayo, Franco J.
; APPLICANT: O'Malley, Bert W.
; TITLE OF INVENTION: Expression Vector Systems and
; TITLE OF INVENTION: Method of Use
; NUMBER OF SEQUENCES: 8
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/472,809B
; FILING DATE: June 7, 1995
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/209,846
; FILING DATE: March 9, 1994
; APPLICATION NUMBER: 07/789,919
; FILING DATE: No. 5925564ember 6, 1991
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 214/212
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 5:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 10 bases
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: CDNA
; FEATURE:
; OTHER INFORMATION: /note= W = A or T
US-08-472-809B-5

Query Match 30.0%; Score 3; DB 2; Length 10;
Best Local Similarity 100.0%; Pred.No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 4 CWW 6
Db 2 CWW 4

; TOPOLOGY: linear
; MOLECULE TYPE: CDNA
; FEATURE:
; OTHER INFORMATION: /note= W = A or T
US-08-472-809B-5

Query Match 30.0%; Score 3; DB 2; Length 10;
Best Local Similarity 100.0%; Pred.No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 4 CWW 6
Db 2 CWW 4
```


Db |||
 9 CW 7

RESULT 99
US-08-481-658B-23
; Sequence 23, Application US/08481658B
; Patent No. 5955075
; GENERAL INFORMATION:
; APPLICANT: Zavada, Jan
; APPLICANT: Pastorekova, Silvia
; APPLICANT: Pastorek, Jaromir
; TITLE OF INVENTION: MN Gene and Protein
; NUMBER OF SEQUENCES: 86
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Leona L. Lauder
; STREET: 6 Mariposa Court
; CITY: Tiburon
; STATE: California
; COUNTRY: USA
; ZIP: 94920
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.30 (EPO)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/481,658B
; FILING DATE: 07-JUN-1995
; CLASSIFICATION: 424
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/260,190
; FILING DATE: 15-JUN-1994
; ATTORNEY/AGENT INFORMATION:
; NAME: Lauder, Leona L.
; REGISTRATION NUMBER: 30,863
; REFERENCE/DOCKET NUMBER: D-0021.3E
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 415-435-2034
; TELEFAX: 415-435-0727
; INFORMATION FOR SEQ ID NO: 23:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 10 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; DESCRIPTION: Initiator consensus sequence
US-08-481-658B-23

Query Match 30.0%; Score 3; DB 2; Length 10;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 RRR 3
 |||
Db 10 RRR 8

RESULT 101
US-08-477-504A-23
; Sequence 23, Application US/08477504A
; Patent No. 5972353
; GENERAL INFORMATION:
; APPLICANT: Zavada, Jan
; APPLICANT: Pastorekova, Silvia
; APPLICANT: Pastorek, Jaromir
; TITLE OF INVENTION: MN Gene and Protein
; NUMBER OF SEQUENCES: 86
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Leona L. Lauder
; STREET: 6 Mariposa Court
; CITY: Tiburon
; STATE: California
; COUNTRY: USA
; ZIP: 94920
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.30 (EPO)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/477,504A
; FILING DATE: 07-JUN-1995
; CLASSIFICATION: 424
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/260,190
; FILING DATE: 15-JUN-1994
; ATTORNEY/AGENT INFORMATION:
; NAME: Lauder, Leona L.
; REGISTRATION NUMBER: 30,863

Query Match 30.0%; Score 3; DB 2; Length 10;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 8 YYY 10
 |||
Db 1 YYY 3

RESULT 100
US-08-481-658B-23/c
; Sequence 23, Application US/08481658B
; Patent No. 5955075
; GENERAL INFORMATION:
; APPLICANT: Zavada, Jan
; APPLICANT: Pastorekova, Silvia
; APPLICANT: Pastorek, Jaromir
; TITLE OF INVENTION: MN Gene and Protein
; NUMBER OF SEQUENCES: 86
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Leona L. Lauder
; STREET: 6 Mariposa Court
; CITY: Tiburon

; REFERENCE/DOCKET NUMBER: D-0021.3D
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 415-435-2034
; TELEFAX: 415-435-0727
; INFORMATION FOR SEQ ID NO: 23:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 10 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; DESCRIPTION: Initiator consensus sequence
; US-08-477-504A-23

Query Match 30.0%; Score 3; DB 2; Length 10;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 8 YYY 10
Db 1 YYY 3

RESULT 102
US-08-477-504A-23/c
; Sequence 23, Application US/08477504A
; Patent No. 5972353
; GENERAL INFORMATION:
; APPLICANT: Zavada, Jan
; APPLICANT: Pastorekova, Silvia
; APPLICANT: Pastorek, Jaromir
; TITLE OF INVENTION: MN Gene and Protein
; NUMBER OF SEQUENCES: 86
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Leona L. Lauder
; STREET: 6 Mariposa Court
; CITY: Tiburon
; STATE: California
; COUNTRY: USA
; ZIP: 94920

COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30 (EPO)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/477,504A
; FILING DATE: 07-JUN-1995
; CLASSIFICATION: 424
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/260,190
; FILING DATE: 15-JUN-1994

ATTORNEY/AGENT INFORMATION:
; NAME: Lauder, Leona L.
; REGISTRATION NUMBER: 30,863
; REFERENCE/DOCKET NUMBER: D-0021.3D
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 415-435-2034
; TELEFAX: 415-435-0727
; INFORMATION FOR SEQ ID NO: 23:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 10 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; DESCRIPTION: Initiator consensus sequence
; US-08-477-504A-23

Query Match 30.0%; Score 3; DB 2; Length 10;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 RRR 3
Db 10 RRR 8

RESULT 103
US-08-486-756A-23
; Sequence 23, Application US/08486756A
; Patent No. 5981711
; GENERAL INFORMATION:
; APPLICANT: Zavada, Jan
; APPLICANT: Pastorekova, Silvia
; APPLICANT: Pastorek, Jaromir
; TITLE OF INVENTION: MN Gene and Protein
; NUMBER OF SEQUENCES: 86
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Leona L. Lauder
; STREET: 6 Mariposa Court
; CITY: Tiburon
; STATE: California
; COUNTRY: USA
; ZIP: 94920

COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30 (EPO)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/486,756A
; FILING DATE: 07-JUN-1995
; CLASSIFICATION: 424
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/260,190
; FILING DATE: 15-JUN-1994

ATTORNEY/AGENT INFORMATION:
; NAME: Lauder, Leona L.
; REGISTRATION NUMBER: 30,863
; REFERENCE/DOCKET NUMBER: D-0021.3C
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 415-435-2034
; TELEFAX: 415-435-0727
; INFORMATION FOR SEQ ID NO: 23:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 10 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; DESCRIPTION: Initiator consensus sequence
; US-08-486-756A-23

Query Match 30.0%; Score 3; DB 2; Length 10;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 8 YYY 10
Db 1 YYY 3

RESULT 104
US-08-486-756A-23/c
; Sequence 23, Application US/08486756A
; Patent No. 5981711
; GENERAL INFORMATION:
; APPLICANT: Zavada, Jan
; APPLICANT: Pastorekova, Silvia
; APPLICANT: Pastorek, Jaromir
; TITLE OF INVENTION: MN Gene and Protein
; NUMBER OF SEQUENCES: 86
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Leona L. Lauder
; STREET: 6 Mariposa Court

ATTORNEY/AGENT INFORMATION:
NAME: Tiburon
STATE: California
COUNTRY: USA
ZIP: 94920
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent In Release #1.0, Version #1.30 (EPO)
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/486,756A
FILING DATE: 07-JUN-1995
CLASSIFICATION: 424
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/260,190
FILING DATE: 15-JUN-1994
ATTORNEY/AGENT INFORMATION:
NAME: Lauder, Leona L.
REGISTRATION NUMBER: 30,863
REFERENCE/DOCKET NUMBER: D-0021.3C
TELECOMMUNICATION INFORMATION:
TELEPHONE: 415-435-2034
TELEFAX: 415-435-0727
INFORMATION FOR SEQ ID NO: 23:
LENGTH: 10 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
DESCRIPTION: Initiator consensus sequence
US-08-486-756A-23

Query Match 30.0%; Score 3; DB 2; Length 10;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 RRR 3
Db 10 RRR 8

RESULT 105
US-08-485-862B-23
Sequence 23, Application US/08485862B
Patent No. 5989838
GENERAL INFORMATION:
APPLICANT: Zavada, Jan
APPLICANT: Pastorekova, Silvia
APPLICANT: Pastorek, Jaromir
TITLE OF INVENTION: MN Gene and Protein
NUMBER OF SEQUENCES: 86
CORRESPONDENCE ADDRESS:
ADDRESSEE: Leona L. Lauder
STREET: 6 Mariposa Court
CITY: Tiburon
STATE: California
COUNTRY: USA
ZIP: 94920
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent In Release #1.0, Version #1.30 (EPO)
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/485,862B
FILING DATE: 07-JUN-1995
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/477,504
FILING DATE: 07-JUN-1995
APPLICATION NUMBER: US 08/260,190
FILING DATE: 15-JUN-1994
ATTORNEY/AGENT INFORMATION:
NAME: Lauder, Leona L.
REGISTRATION NUMBER: 30,863
REFERENCE/DOCKET NUMBER: D-0021.3D
TELECOMMUNICATION INFORMATION:
TELEPHONE: 415-435-2034
TELEFAX: 415-435-0727
INFORMATION FOR SEQ ID NO: 23:
SEQUENCE CHARACTERISTICS:
LENGTH: 10 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
DESCRIPTION: Initiator consensus sequence
US-08-485-862B-23

ATTORNEY/AGENT INFORMATION:
NAME: Lauder, Leona L.
REGISTRATION NUMBER: 30,863
REFERENCE/DOCKET NUMBER: D-0021.3D
TELECOMMUNICATION INFORMATION:
TELEPHONE: 415-435-2034
TELEFAX: 415-435-0727
INFORMATION FOR SEQ ID NO: 23:
SEQUENCE CHARACTERISTICS:
LENGTH: 10 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
DESCRIPTION: Initiator consensus sequence
US-08-485-862B-23

Query Match 30.0%; Score 3; DB 2; Length 10;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 8 YYY 10
Db 1 YYY 3

RESULT 106
US-08-485-862B-23/C
Sequence 23, Application US/08485862B
Patent No. 5989838
GENERAL INFORMATION:
APPLICANT: Zavada, Jan
APPLICANT: Pastorekova, Silvia
APPLICANT: Pastorek, Jaromir
TITLE OF INVENTION: MN Gene and Protein
NUMBER OF SEQUENCES: 86
CORRESPONDENCE ADDRESS:
ADDRESSEE: Leona L. Lauder
STREET: 6 Mariposa Court
CITY: Tiburon
STATE: California
COUNTRY: USA
ZIP: 94920
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent In Release #1.0, Version #1.30 (EPO)
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/485,862B
FILING DATE: 07-JUN-1995
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/477,504
FILING DATE: 07-JUN-1995
APPLICATION NUMBER: US 08/260,190
FILING DATE: 15-JUN-1994
ATTORNEY/AGENT INFORMATION:
NAME: Lauder, Leona L.
REGISTRATION NUMBER: 30,863
REFERENCE/DOCKET NUMBER: D-0021.3D
TELECOMMUNICATION INFORMATION:
TELEPHONE: 415-435-2034
TELEFAX: 415-435-0727
INFORMATION FOR SEQ ID NO: 23:
SEQUENCE CHARACTERISTICS:
LENGTH: 10 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
DESCRIPTION: Initiator consensus sequence
US-08-485-862B-23

Query Match 30.0%; Score 3; DB 2; Length 10;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 RRR 3
|||
DB 10 RRR 8

RESULT 107
US-08-787-739-23
; Sequence 23, Application US/08787739
; Patent No. 6027887
; GENERAL INFORMATION:
; APPLICANT: Zavada, Jan
; APPLICANT: Pastorekova, Silvia
; APPLICANT: Pastorek, Jaromir
; TITLE OF INVENTION: MN Gene and Protein
; NUMBER OF SEQUENCES: 96
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Leona L. Lauder
; STREET: 369 Pine Street, Suite 610
; CITY: San Francisco
; STATE: California
; COUNTRY: USA
; ZIP: 94104
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.30 (EPO)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/787,739
; FILING DATE: 24-JAN-1997
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/485,049
; FILING DATE: 07-JUN-1995
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/486,756
; FILING DATE: 07-JUN-1995
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/477,504
; FILING DATE: 07-JUN-1995
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/481,658
; FILING DATE: 07-JUN-1995
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/485,862
; FILING DATE: 07-JUN-1995
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/485,863
; FILING DATE: 07-JUN-1995
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/487,077
; FILING DATE: 07-JUN-1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Lauder, Leona L.
; REGISTRATION NUMBER: 30,863
; REFERENCE/DOCKET NUMBER: D-0021.4
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 415-981-2034
; TELEFAX: 415-981-0332
; INFORMATION FOR SEQ ID NO: 23:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 10 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; DESCRIPTION: Initiator consensus sequence
US-08-787-739-23

Query Match 30.0%; Score 3; DB 3; Length 10;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 8 YYY 10
|||
DB 1 YYY 3

RESULT 108
US-08-787-739-23/c
; Sequence 23, Application US/08787739
; Patent No. 6027887
; GENERAL INFORMATION:
; APPLICANT: Zavada, Jan
; APPLICANT: Pastorekova, Silvia
; APPLICANT: Pastorek, Jaromir
; TITLE OF INVENTION: MN Gene and Protein
; NUMBER OF SEQUENCES: 96
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Leona L. Lauder
; STREET: 369 Pine Street, Suite 610
; CITY: San Francisco
; STATE: California
; COUNTRY: USA
; ZIP: 94104
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.30 (EPO)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/787,739
; FILING DATE: 24-JAN-1997
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/485,049
; FILING DATE: 07-JUN-1995
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/486,756
; FILING DATE: 07-JUN-1995
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/477,504
; FILING DATE: 07-JUN-1995
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/481,658
; FILING DATE: 07-JUN-1995
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/485,862
; FILING DATE: 07-JUN-1995
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/485,863
; FILING DATE: 07-JUN-1995
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/487,077
; FILING DATE: 07-JUN-1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Lauder, Leona L.
; REGISTRATION NUMBER: 30,863
; REFERENCE/DOCKET NUMBER: D-0021.4
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 415-981-2034
; TELEFAX: 415-981-0332
; INFORMATION FOR SEQ ID NO: 23:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 10 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; DESCRIPTION: Initiator consensus sequence
US-08-787-739-23

Query Match 30.0%; Score 3; DB 3; Length 10;

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Best Local Similarity 100.0%; Pred. No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 RRR 3
Db 10 RRR 8

RESULT 109
US-08-742-877-13
; Sequence 13, Application US/08742877
; Patent No. 6046380
; GENERAL INFORMATION:
; APPLICANT: CLARK, Anthony J.
; TITLE OF INVENTION: DNA SEQUENCES
; NUMBER OF SEQUENCES: 14
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: STERNE, KESSLER, GOLDSTEIN & FOX, P.L.L.C.
; STREET: 1100 NEW YORK AVENUE, NW, SUITE 600
; CITY: WASHINGTON
; STATE: DC
; COUNTRY: USA
; ZIP: 20005-3934
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/742,877
; FILING DATE: 01-NOV-1996
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: GB 9408717.8
; FILING DATE: 03-MAY-1994
; ATTORNEY/AGENT INFORMATION:
; NAME: FLESHNER, RAZ E.
; REGISTRATION NUMBER: 34,331
; REFERENCE/DOCKET NUMBER: 0623.0470001/REF
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (202) 371-2600
; TELEFAX: (202) 371-2540
; INFORMATION FOR SEQ ID NO: 13:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 10 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: mRNA
; US-08-742-877-13

Query Match 30.0%; Score 3; DB 3; Length 10;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 RRR 3
Db 6 RRR 4

RESULT 111
US-08-487-077A-23
; Sequence 23, Application US/08487077A
; Patent No. 6069242
; GENERAL INFORMATION:
; APPLICANT: Zavada, Jan
; APPLICANT: Pastorekova, Silvia
; APPLICANT: Pastorek, Jaromir
; TITLE OF INVENTION: MN Gene and Protein
; NUMBER OF SEQUENCES: 86
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Leona L. Lauder
; STREET: 6 Mariposa Court
; CITY: Tiburon
; STATE: California
; COUNTRY: USA
; ZIP: 94920
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30 (EPO)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/487,077A
; FILING DATE: 07-JUN-1995
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/260,190
; FILING DATE: 15-JUN-1994
; ATTORNEY/AGENT INFORMATION:
; NAME: Lauder, Leona L.
; REGISTRATION NUMBER: 30,863
; REFERENCE/DOCKET NUMBER: D-0021.3H
; TELECOMMUNICATION INFORMATION:
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; TELEPHONE: 415-435-2034
; TELEFAX: 415-435-0727
; INFORMATION FOR SEQ ID NO: 23:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 10 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; DESCRIPTION: Initiator consensus sequence
US-08-487-077A-23

Query Match          30.0%; Score 3; DB 3; Length 10;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      8 YYY 10
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Db       1 YYY 3

RESULT 112
US-08-487-077A-23/c
; Sequence 23, Application US/08487077A
; Patent No. 6069242
; GENERAL INFORMATION:
; APPLICANT: Zavada, Jan
; APPLICANT: Pastorekova, Silvia
; APPLICANT: Pastorek, Jaromir
; TITLE OF INVENTION: MN Gene and Protein
; NUMBER OF SEQUENCES: 86
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Leona L. Lauder
; STREET: 6 Mariposa Court
; CITY: Tiburon
; STATE: California
; COUNTRY: USA
; ZIP: 94920
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30 (EPO)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/487,077A
; FILING DATE: 07-JUN-1995
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/260,190
; FILING DATE: 15-JUN-1994
; ATTORNEY/AGENT INFORMATION:
; NAME: Lauder, Leona L.
; REGISTRATION NUMBER: 30,863
; REFERENCE/DOCKET NUMBER: D-0021.3H
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 415-435-2034
; TELEFAX: 415-435-0727
; INFORMATION FOR SEQ ID NO: 23:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 10 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; DESCRIPTION: Initiator consensus sequence
US-08-487-077A-23

Query Match          30.0%; Score 3; DB 3; Length 10;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1 RRR 3
      |||
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Db       10 RRR 8

RESULT 113
US-08-726-807B-47
; Sequence 47, Application US/08726807B
; Patent No. 6090618
; GENERAL INFORMATION:
; APPLICANT: Parmacek, Michael S.
; APPLICANT: Solway, Julian
; TITLE OF INVENTION: PROMOTER FOR SMOOTH MUSCLE CELL
; TITLE OF INVENTION: EXPRESSION
; NUMBER OF SEQUENCES: 55
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Arnold, White & Durkee
; STREET: P.O. Box 4433
; CITY: Houston
; STATE: Texas
; COUNTRY: USA
; ZIP: 77210
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/726,807B
; FILING DATE: 07-OCT-1996
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 60/004,868
; FILING DATE: 05-OCT-1995
; ATTORNEY/AGENT INFORMATION:
; NAME: McMillian, Nabeela R.
; REGISTRATION NUMBER: P-43,363
; REFERENCE/DOCKET NUMBER: ARSB:510
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (512) 418-3000
; TELEFAX: (512) 474-7577
; INFORMATION FOR SEQ ID NO: 47:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 10 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; FEATURE:
; NAME/KEY: modified_base
; LOCATION: 3..8
; OTHER INFORMATION: /mod_base= OTHER
; OTHER INFORMATION: /note= "W = A or T"
US-08-726-807B-47

Query Match          30.0%; Score 3; DB 3; Length 10;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      4 CWW 6
      |||
Db       2 CWW 4

RESULT 114
US-08-726-807B-47/c
; Sequence 47, Application US/08726807B
; Patent No. 6090618
; GENERAL INFORMATION:
; APPLICANT: Parmacek, Michael S.
; APPLICANT: Solway, Julian
; TITLE OF INVENTION: PROMOTER FOR SMOOTH MUSCLE CELL
; TITLE OF INVENTION: EXPRESSION
; NUMBER OF SEQUENCES: 55
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Arnold, White & Durkee
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/
/ STREET: P.O. Box 4433
/ CITY: Houston
/ STATE: Texas
/ COUNTRY: USA
/ ZIP: 77210
/
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: Floppy disk
/ COMPUTER: IBM PC compatible
/ OPERATING SYSTEM: PC-DOS/MS-DOS
/ SOFTWARE: Patent In Release #1.0, Version #1.30
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/08/726,807B
/ FILING DATE: 07-OCT-1996
/ CLASSIFICATION: 514
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: US 60/004,868
/ FILING DATE: 05-OCT-1995
/ ATTORNEY/AGENT INFORMATION:
/ NAME: McMillian, Nabeela R.
/ REGISTRATION NUMBER: P-43,363
/ REFERENCE/DOCKET NUMBER: ARSB:510
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: (512) 418-3000
/ TELEFAX: (512) 474-7577
/ INFORMATION FOR SEQ ID NO: 47:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 10 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/ FEATURE:
/ NAME/KEY: modified_base
/ LOCATION: 3..8
/ OTHER INFORMATION: /mod_base= OTHER
/ OTHER INFORMATION: /note= "W = A or T"
/
/ US-08-726-807B-47
/
/ Query Match 30.0%; Score 3; DB 3; Length 10;
/ Best Local Similarity 100.0%; Pred. No. 0;
/ Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
/
/ QY 5 WWG 7
/ DB 4 WWG 2
/
/ RESULT 115
/ US-08-863A-23
/ Sequence 23, Application US/08485863A
/ Patent No. 6093548
/ GENERAL INFORMATION:
/ APPLICANT: Zavada, Jan
/ APPLICANT: Pastorekova, Silvia
/ APPLICANT: Pastorek, Jaromir
/ TITLE OF INVENTION: MN Gene and Protein
/ NUMBER OF SEQUENCES: 86
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: Leona L. Lauder
/ STREET: 6 Mariposa Court
/ CITY: Tiburon
/ STATE: California
/ COUNTRY: USA
/ ZIP: 94920
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: Floppy disk
/ COMPUTER: IBM PC compatible
/ OPERATING SYSTEM: PC-DOS/MS-DOS
/ SOFTWARE: Patent In Release #1.0, Version #1.30 (EPO)
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/08/485,863A
/ FILING DATE: 07-JUN-1995
/ CLASSIFICATION: 514
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: US 08/360,190
/ FILING DATE: 15-JUN-1994
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Lauder, Leona L.
/ REGISTRATION NUMBER: 30,863
/ REFERENCE/DOCKET NUMBER: D-0021.3G
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: 415-435-2034
/ TELEFAX: 415-435-0727
/ INFORMATION FOR SEQ ID NO: 23:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 10 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/ MOLECULE TYPE: DNA (genomic)
/ DESCRIPTION: Initiator consensus sequence
/
/ US-08-485-863A-23
/
/ Query Match 30.0%; Score 3; DB 3; Length 10;
/ Best Local Similarity 100.0%; Pred. No. 0;
/ Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
/
/ QY 8 YYY 10
/ DB 1 YYY 3
/
/ RESULT 116
/ US-08-863A-23/c
/ Sequence 23, Application US/08485863A
/ Patent No. 6093548
/ GENERAL INFORMATION:
/ APPLICANT: Zavada, Jan
/ APPLICANT: Pastorekova, Silvia
/ APPLICANT: Pastorek, Jaromir
/ TITLE OF INVENTION: MN Gene and Protein
/ NUMBER OF SEQUENCES: 86
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: Leona L. Lauder
/ STREET: 6 Mariposa Court
/ CITY: Tiburon
/ STATE: California
/ COUNTRY: USA
/ ZIP: 94920
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: Floppy disk
/ COMPUTER: IBM PC compatible
/ OPERATING SYSTEM: PC-DOS/MS-DOS
/ SOFTWARE: Patent In Release #1.0, Version #1.30 (EPO)
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/08/485,863A
/ FILING DATE: 07-JUN-1995
/ CLASSIFICATION: 514
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: US 08/360,190
/ FILING DATE: 15-JUN-1994
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Lauder, Leona L.
/ REGISTRATION NUMBER: 30,863
/ REFERENCE/DOCKET NUMBER: D-0021.3G
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: 415-435-2034
/ TELEFAX: 415-435-0727
/ INFORMATION FOR SEQ ID NO: 23:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 10 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/ MOLECULE TYPE: DNA (genomic)
/ DESCRIPTION: Initiator consensus sequence
/
/ US-08-485-863A-23
```

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Query Match      30.0%; Score 3; DB 3; Length 10;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 RRR 3
   |||
Db 10 RRR 8

RESULT 117
US-09-258-367-47
; Sequence 47, Application US/09258367
; Patent No. 6114311
; GENERAL INFORMATION:
; APPLICANT: PHARMACEK, MICHAEL S.
; APPLICANT: SOLWAY, JULIAN
; TITLE OF INVENTION: PROMOTER FOR SMOOTH MUSCLE CELL EXPRESSION
; FILE REFERENCE: ARCD:310
; CURRENT APPLICATION NUMBER: US/09/258,367
; CURRENT FILING DATE: 1999-02-26
; EARLIER APPLICATION NUMBER: 08/726,807
; EARLIER FILING DATE: 1996-10-07
; NUMBER OF SEQ ID NOS: 55
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 47
; LENGTH: 10
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; NAME/KEY: modified base
; LOCATION: (3)..(8)
; OTHER INFORMATION: W = A or T
US-09-258-367-47

Query Match      30.0%; Score 3; DB 3; Length 10;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 4 CW 6
   |||
Db 2 CW 4

RESULT 118
US-09-258-367-47/c
; Sequence 47, Application US/09258367
; Patent No. 6114311
; GENERAL INFORMATION:
; APPLICANT: PHARMACEK, MICHAEL S.
; APPLICANT: SOLWAY, JULIAN
; TITLE OF INVENTION: PROMOTER FOR SMOOTH MUSCLE CELL EXPRESSION
; FILE REFERENCE: ARCD:310
; CURRENT APPLICATION NUMBER: US/09/258,367
; CURRENT FILING DATE: 1999-02-26
; EARLIER APPLICATION NUMBER: 08/726,807
; EARLIER FILING DATE: 1996-10-07
; NUMBER OF SEQ ID NOS: 55
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 47
; LENGTH: 10
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; NAME/KEY: modified base
; LOCATION: (3)..(8)
; OTHER INFORMATION: W = A or T
```

```
US-09-258-367-47

Query Match      30.0%; Score 3; DB 3; Length 10;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 5 WWG 7
   |||
Db 4 WWG 2

RESULT 119
US-08-972-927-11
; Sequence 11, Application US/08972927
; Patent No. 6166290
; GENERAL INFORMATION:
; APPLICANT: Rea, Philip A
; APPLICANT: Lu, Yu-Ping
; APPLICANT: Li, Ze-Sheng
; TITLE OF INVENTION: GLUTATHIONE-S-CONJUGATE TRANSPORT IN PLANTS
; NUMBER OF SEQUENCES: 20
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: PANITCH SCHWARZE JACOBS & NADEL, P.C.
; STREET: One Commerce Square, 2005 Market Street, 22nd
; STREET: Floor
; CITY: Philadelphia
; STATE: Pennsylvania
; COUNTRY: US
; ZIP: 19103-7086
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA: US/08/972,927
; APPLICATION NUMBER: US/08/972,927
; FILING DATE: 18-NOV-1997
; CLASSIFICATION: 800
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 60/031,040
; FILING DATE: 18-NOV-1996
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 60/061,328
; FILING DATE: 08-OCT-1997
; ATTORNEY/AGENT INFORMATION:
; NAME: Doyle Leary Ph.D., Kathryn
; REGISTRATION NUMBER: 36,317
; REFERENCE/DOCKET NUMBER: 9596-1202
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 215-965-1284
; TELEFAX: 215-567-2991
; TELEX: 831-494
; INFORMATION FOR SEQ ID NO: 11:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 10 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: double
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
US-08-972-927-11

Query Match      30.0%; Score 3; DB 3; Length 10;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 5 WWG 7
   |||
Db 7 WWG 9

RESULT 120
US-08-972-927-11/c
```


; Sequence 11, Application US/08972927
; Patent No. 6186290
; GENERAL INFORMATION:
; APPLICANT: Rea, Philip A
; APPLICANT: Lu, Yu-Ping
; APPLICANT: Li, Ze-Sheng
; TITLE OF INVENTION: GLUTATHIONE-S-CONJUGATE TRANSPORT IN
; TITLE OF INVENTION: PLANTS
; NUMBER OF SEQUENCES: 20
; CORRESPONDENCE ADDRESS:
; ADDRESS: PANITCH SCHWARZE JACOBS & NADEL, P.C.
; STREET: One Commerce Square, 2005 Market Street, 22nd
; CITY: Philadelphia
; STATE: Pennsylvania
; COUNTRY: US
; ZIP: 19103-7086
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/972,927
; FILING DATE: 18-NOV-1997
; CLASSIFICATION: 800
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 60/031,040
; FILING DATE: 18-NOV-1996
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 60/061,328
; FILING DATE: 08-OCT-1997
; ATTORNEY/AGENT INFORMATION:
; NAME: Doyle Leary Ph.D., Kathryn
; REGISTRATION NUMBER: 36,317
; REFERENCE/DOCKET NUMBER: 9596-12U2
; TELEPHONE: 215-965-1284
; TELEFAX: 215-567-2991
; TELEX: 831-494
; INFORMATION FOR SEQ ID NO: 11:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 10 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: double
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
US-08-972-927-11

Query Match 30.0%; Score 3; DB 3; Length 10;
Best Local Similarity 100.0%; Pred.No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 4 CWW 6
Db 9 CWW 7

RESULT 121
US-08-646-301A-11
; Sequence 11, Application US/08646301A
; Patent No. 6194211
; GENERAL INFORMATION:
; APPLICANT: Richards, Cynthia Ann
; APPLICANT: Huber, Brian E.
; TITLE OF INVENTION: Transcriptional Regulatory Sequence of Carcinoembryonic
; Patent No. 6194211
; TITLE OF INVENTION: Antigen for Expression Targeting
; FILE REFERENCE: PB1508USW
; CURRENT APPLICATION NUMBER: US/08/646,301A
; CURRENT FILING DATE: 1996-05-16
; NUMBER OF SEQ ID NOS: 25
; SOFTWARE: PatentIn Ver. 2.1

; SEQ ID NO 11
; LENGTH: 10
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: consensus
; OTHER INFORMATION: sequence B12 from DNA Sequence 1.3-11 (1990).
; Patent No. 6194211
US-08-646-301A-11

Query Match 30.0%; Score 3; DB 3; Length 10;
Best Local Similarity 100.0%; Pred.No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 4 CWW 6
Db 2 CWW 4

RESULT 122
US-08-646-301A-11/c
; Sequence 11, Application US/08646301A
; Patent No. 6194211
; GENERAL INFORMATION:
; APPLICANT: Richards, Cynthia Ann
; APPLICANT: Huber, Brian E.
; TITLE OF INVENTION: Transcriptional Regulatory Sequence of Carcinoembryonic
; Patent No. 6194211
; TITLE OF INVENTION: Antigen for Expression Targeting
; FILE REFERENCE: PB1508USW
; CURRENT APPLICATION NUMBER: US/08/646,301A
; CURRENT FILING DATE: 1996-05-16
; NUMBER OF SEQ ID NOS: 25
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 11
; LENGTH: 10
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: consensus
; OTHER INFORMATION: sequence B12 from DNA Sequence 1.3-11 (1990).
; Patent No. 6194211
US-08-646-301A-11

Query Match 30.0%; Score 3; DB 3; Length 10;
Best Local Similarity 100.0%; Pred.No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 4 CWW 6
Db 9 CWW 7

RESULT 123
US-08-485-049D-23
; Sequence 23, Application US/08485049D
; Patent No. 6204370
; GENERAL INFORMATION:
; APPLICANT: Zavada, Jan
; APPLICANT: Pastorekova, Silvia
; APPLICANT: Pastorek, Jaromir
; TITLE OF INVENTION: MN Gene and Protein
; NUMBER OF SEQUENCES: 86
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Leona L. Lauder
; STREET: 369 Pine Street
; CITY: San Francisco
; STATE: California
; COUNTRY: USA
; ZIP: 94104
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30 (EPO)
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/485,049D
FILING DATE: 07-JUN-1995
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/260,190
FILING DATE: 15-JUN-1994
ATTORNEY/AGENT INFORMATION:
NAME: Lauder, Leona L.
REGISTRATION NUMBER: 30,863
REFERENCE/DOCKET NUMBER: D-0021.3E
TELECOMMUNICATION INFORMATION:
TELEPHONE: 415-981-2034
TELEFAX: 415-981-0332
INFORMATION FOR SEQ ID NO: 23:
SEQUENCE CHARACTERISTICS:
LENGTH: 10 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
DESCRIPTION: Initiator consensus sequence
US-08-485-049D-23

Query Match 30.0%; Score 3; DB 3; Length 10;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 8 YYY 10
|||
DB 1 YYY 3

RESULT 124
US-08-485-049D-23/c
Sequence 23, Application US/08485049D
Patent No. 6204370
GENERAL INFORMATION:
APPLICANT: Zavada, Jan
APPLICANT: Pastorekova, Silvia
APPLICANT: Pastorek, Jaromir
TITLE OF INVENTION: MN Gene and Protein
NUMBER OF SEQUENCES: 86
CORRESPONDENCE ADDRESS:
ADDRESSEE: Leona L. Lauder
STREET: 369 Pine Street
CITY: San Francisco
STATE: California
COUNTRY: USA
ZIP: 94104
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30 (EPO)
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/485,049D
FILING DATE: 07-JUN-1995
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/260,190
FILING DATE: 15-JUN-1994
ATTORNEY/AGENT INFORMATION:
NAME: Lauder, Leona L.
REGISTRATION NUMBER: 30,863
REFERENCE/DOCKET NUMBER: D-0021.3E
TELECOMMUNICATION INFORMATION:
TELEPHONE: 415-981-2034
TELEFAX: 415-981-0332
INFORMATION FOR SEQ ID NO: 23:
SEQUENCE CHARACTERISTICS:

LENGTH: 10 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
DESCRIPTION: Initiator consensus sequence
US-08-485-049D-23

Query Match 30.0%; Score 3; DB 3; Length 10;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 RRR 3
|||
DB 10 RRR 8

RESULT 125
US-09-134-246-1
Sequence 1, Application US/09134246B
Patent No. 6207377
GENERAL INFORMATION:
APPLICANT: Wayne, Jay
APPLICANT: Xu, Shuang-yong
TITLE OF INVENTION: Method For Construction Of Thermus-E. coli Shuttle
TITLE OF INVENTION: Vectors And Identification of Two Thermus Plasmid
TITLE OF INVENTION: Replication Origins
FILE REFERENCE: Thermus Shuttle Vector
CURRENT APPLICATION NUMBER: US/09/134,246B
CURRENT FILING DATE: 1998-08-14
NUMBER OF SEQ ID NOS: 30
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 1
LENGTH: 10
TYPE: DNA
ORGANISM: Thermus sp.
US-09-134-246-1

Query Match 30.0%; Score 3; DB 3; Length 10;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2 RRC 4
|||
DB 1 RRC 3

RESULT 126
US-09-134-246-1/c
Sequence 1, Application US/09134246B
Patent No. 6207377
GENERAL INFORMATION:
APPLICANT: Wayne, Jay
APPLICANT: Xu, Shuang-yong
TITLE OF INVENTION: Method For Construction Of Thermus-E. coli Shuttle
TITLE OF INVENTION: Vectors And Identification of Two Thermus Plasmid
TITLE OF INVENTION: Replication Origins
FILE REFERENCE: Thermus Shuttle Vector
CURRENT APPLICATION NUMBER: US/09/134,246B
CURRENT FILING DATE: 1998-08-14
NUMBER OF SEQ ID NOS: 30
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 1
LENGTH: 10
TYPE: DNA
ORGANISM: Thermus sp.
US-09-134-246-1

Query Match 30.0%; Score 3; DB 3; Length 10;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 RRR 3

```
Db      10 RRR 8      4 WWG 2

RESULT 127
US-09-546-550-47
; Sequence 47, Application US/09546550
; Patent No. 6284743
; GENERAL INFORMATION:
; APPLICANT: PARMACEK, MICHAEL S.
; APPLICANT: SOLWAY, JULIAN
; TITLE OF INVENTION: PROMOTER FOR SMOOTH MUSCLE CELL EXPRESSION
; FILE REFERENCE: ARCD:310
; CURRENT APPLICATION NUMBER: US/09/546,550
; CURRENT FILING DATE: 2000-04-10
; PRIOR APPLICATION NUMBER: 09/258,367
; PRIOR FILING DATE: 1999-02-26
; NUMBER OF SEQ ID NOS: 55
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 47
; LENGTH: 10
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; NAME/KEY: modified_base
; LOCATION: (3)..(8)
; OTHER INFORMATION: W = A or T
US-09-546-550-47

Query Match      30.0%; Score 3; DB 3; Length 10;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      4 CWG 6
      |||
Db      2 CWG 4

RESULT 128
US-09-546-550-47/c
; Sequence 47, Application US/09546550
; Patent No. 6284743
; GENERAL INFORMATION:
; APPLICANT: PARMACEK, MICHAEL S.
; APPLICANT: SOLWAY, JULIAN
; TITLE OF INVENTION: PROMOTER FOR SMOOTH MUSCLE CELL EXPRESSION
; FILE REFERENCE: ARCD:310
; CURRENT APPLICATION NUMBER: US/09/546,550
; CURRENT FILING DATE: 2000-04-10
; PRIOR APPLICATION NUMBER: 09/258,367
; PRIOR FILING DATE: 1999-02-26
; NUMBER OF SEQ ID NOS: 55
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 47
; LENGTH: 10
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; NAME/KEY: modified_base
; LOCATION: (3)..(8)
; OTHER INFORMATION: W = A or T
US-09-546-550-47

Query Match      30.0%; Score 3; DB 3; Length 10;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      4 CWG 6
      |||
Db      2 CWG 4

RESULT 129
US-09-431-414-47
; Sequence 47, Application US/09431414
; Patent No. 6291211
; GENERAL INFORMATION:
; APPLICANT: PARMACEK, MICHAEL S.
; APPLICANT: SOLWAY, JULIAN
; TITLE OF INVENTION: PROMOTER FOR SMOOTH MUSCLE CELL EXPRESSION
; FILE REFERENCE: ARCD:335
; CURRENT APPLICATION NUMBER: US/09/431,414
; CURRENT FILING DATE: 1999-11-01
; EARLIER APPLICATION NUMBER: 08/726,807
; NUMBER OF SEQ ID NOS: 55
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 47
; LENGTH: 10
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; NAME/KEY: modified_base
; LOCATION: (3)..(8)
; OTHER INFORMATION: W = A or T
US-09-431-414-47

Query Match      30.0%; Score 3; DB 3; Length 10;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      4 CWG 6
      |||
Db      2 CWG 4

RESULT 130
US-09-431-414-47/c
; Sequence 47, Application US/09431414
; Patent No. 6291211
; GENERAL INFORMATION:
; APPLICANT: PARMACEK, MICHAEL S.
; APPLICANT: SOLWAY, JULIAN
; TITLE OF INVENTION: PROMOTER FOR SMOOTH MUSCLE CELL EXPRESSION
; FILE REFERENCE: ARCD:335
; CURRENT APPLICATION NUMBER: US/09/431,414
; CURRENT FILING DATE: 1999-11-01
; EARLIER APPLICATION NUMBER: 08/726,807
; NUMBER OF SEQ ID NOS: 55
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 47
; LENGTH: 10
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; NAME/KEY: modified_base
; LOCATION: (3)..(8)
; OTHER INFORMATION: W = A or T
US-09-431-414-47

Query Match      30.0%; Score 3; DB 3; Length 10;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      5 WWG 7
      |||
```

```
Db          |||
            4 WNG 2

RESULT 131
US-09-178-115-23
; Sequence 23, Application US/09178115
; Patent No. 6297041
; GENERAL INFORMATION:
; APPLICANT: Zavada, Jan
; APPLICANT: Pastorekova, Silvia
; APPLICANT: Pastorek, Jaromir
; TITLE OF INVENTION: MN Gene and Protein
; FILE REFERENCE: D-0021.5A
; CURRENT APPLICATION NUMBER: US/09/178,115
; EARLIER FILING DATE: 1998-10-23
; EARLIER APPLICATION NUMBER: 09/177,776
; EARLIER FILING DATE: 1998-10-23
; EARLIER APPLICATION NUMBER: 08/787,739
; EARLIER FILING DATE: 1997-01-24
; EARLIER APPLICATION NUMBER: 08/485,049
; EARLIER FILING DATE: 1995-06-07
; EARLIER APPLICATION NUMBER: 08/486,756
; EARLIER FILING DATE: 1995-06-07
; EARLIER APPLICATION NUMBER: 08/477,504
; EARLIER FILING DATE: 1995-06-07
; EARLIER APPLICATION NUMBER: 08/481,658
; EARLIER FILING DATE: 1995-06-07
; EARLIER APPLICATION NUMBER: 08/485,862
; EARLIER FILING DATE: 1995-06-07
; EARLIER APPLICATION NUMBER: 08/477,776
; EARLIER FILING DATE: 1995-06-07
; EARLIER APPLICATION NUMBER: 08/485,863
; EARLIER FILING DATE: 1995-06-07
; EARLIER APPLICATION NUMBER: 08/487,077
; EARLIER FILING DATE: 1995-06-07
; EARLIER APPLICATION NUMBER: 08/260,190
; EARLIER FILING DATE: 1994-06-15
; EARLIER APPLICATION NUMBER: 08/177,093
; EARLIER FILING DATE: 1993-12-30
; EARLIER APPLICATION NUMBER: 07/964,589
; EARLIER FILING DATE: 1992-10-21
; EARLIER APPLICATION NUMBER: PV-709-92
; EARLIER FILING DATE: 1992-03-11
; NUMBER OF SEQ ID NOS: 116
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 23
; LENGTH: 10
; TYPE: DNA
; ORGANISM: HUMAN
US-09-178-115-23

Query Match      30.0%; Score 3; DB 3; Length 10;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      1 RRR 3
Db      10 RRR 8
            |||

RESULT 133
US-09-177-776-23
; Sequence 23, Application US/09177776A
; Patent No. 6297051
; GENERAL INFORMATION:
; APPLICANT: Zavada, Jan
; APPLICANT: Pastorekova, Silvia
; APPLICANT: Pastorek, Jaromir
; TITLE OF INVENTION: MN Gene and Protein
; FILE REFERENCE: D-0021.5A
; CURRENT APPLICATION NUMBER: US/09/177,776A
; EARLIER FILING DATE: 1998-10-23
; EARLIER APPLICATION NUMBER: 08/787,739
; EARLIER FILING DATE: 1997-01-24
; EARLIER APPLICATION NUMBER: 08/485,049
; EARLIER FILING DATE: 1995-06-07
; EARLIER APPLICATION NUMBER: 08/486,756
; EARLIER FILING DATE: 1995-06-07
; EARLIER APPLICATION NUMBER: 08/477,504
; EARLIER FILING DATE: 1995-06-07
; EARLIER APPLICATION NUMBER: 08/481,658
; EARLIER FILING DATE: 1995-06-07
; EARLIER APPLICATION NUMBER: 08/485,862
; EARLIER FILING DATE: 1995-06-07
; EARLIER APPLICATION NUMBER: 08/485,863
; EARLIER FILING DATE: 1995-06-07
; EARLIER APPLICATION NUMBER: 08/487,077
; EARLIER FILING DATE: 1995-06-07
; EARLIER APPLICATION NUMBER: 08/260,190
; EARLIER FILING DATE: 1994-06-15
; EARLIER APPLICATION NUMBER: 08/177,093
; EARLIER FILING DATE: 1993-12-30
```

; EARLIER APPLICATION NUMBER: 07/964,589
; EARLIER FILING DATE: 1992-10-21
; EARLIER APPLICATION NUMBER: PV-709-92
; EARLIER FILING DATE: 1992-03-11
; NUMBER OF SEQ ID NOS: 116
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 23
; LENGTH: 10
; TYPE: DNA
; ORGANISM: HUMAN
US-09-177-776-23

Query Match 30.0%; Score 3; DB 3; Length 10;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 8 YYY 10
|||
Db 1 YYY 3

RESULT 134
US-09-177-776-23/c
; Sequence 23, Application US/09177776A
; Patent No. 6237051
; GENERAL INFORMATION:
; APPLICANT: Zavada, Jan
; APPLICANT: Pastorekova, Silvia
; APPLICANT: Pastorek, Jaromir
; TITLE OF INVENTION: MN Gene and Protein
; FILE REFERENCE: D-0021.5A
; CURRENT APPLICATION NUMBER: US/09/177,776A
; EARLIER FILING DATE: 1998-10-23
; EARLIER APPLICATION NUMBER: 08/787,739
; EARLIER FILING DATE: 1997-01-24
; EARLIER APPLICATION NUMBER: 08/485,049
; EARLIER FILING DATE: 1995-06-07
; EARLIER APPLICATION NUMBER: 08/486,756
; EARLIER FILING DATE: 1995-06-07
; EARLIER APPLICATION NUMBER: 08/477,504
; EARLIER FILING DATE: 1995-06-07
; EARLIER APPLICATION NUMBER: 08/481,658
; EARLIER FILING DATE: 1995-06-07
; EARLIER APPLICATION NUMBER: 08/485,862
; EARLIER FILING DATE: 1995-06-07
; EARLIER APPLICATION NUMBER: 08/485,863
; EARLIER FILING DATE: 1995-06-07
; EARLIER APPLICATION NUMBER: 08/487,077
; EARLIER FILING DATE: 1995-06-07
; EARLIER APPLICATION NUMBER: 08/260,190
; EARLIER FILING DATE: 1994-06-15
; EARLIER APPLICATION NUMBER: 08/177,093
; EARLIER FILING DATE: 1993-12-30
; EARLIER APPLICATION NUMBER: 07/964,589
; EARLIER FILING DATE: 1992-10-21
; EARLIER APPLICATION NUMBER: PV-709-92
; EARLIER FILING DATE: 1992-03-11
; NUMBER OF SEQ ID NOS: 116
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 23
; LENGTH: 10
; TYPE: DNA
; ORGANISM: HUMAN
US-09-177-776-23

Query Match 30.0%; Score 3; DB 3; Length 10;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 RRR 3
|||
Db 10 RRR 8

RESULT 135
US-09-225-670-47
; Sequence 47, Application US/09225670
; Patent No. 6297221
; GENERAL INFORMATION:
; APPLICANT: PARMACEK, MICHAEL S.
; APPLICANT: SOLWAY, JULIAN
; TITLE OF INVENTION: PROMOTER FOR SMOOTH MUSCLE CELL EXPRESSION
; FILE REFERENCE: ARSB:526
; CURRENT APPLICATION NUMBER: US/09/225,670
; CURRENT FILING DATE: 1999-01-05
; EARLIER APPLICATION NUMBER: 08/726,807
; EARLIER FILING DATE: 1996-10-07
; NUMBER OF SEQ ID NOS: 55
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 47
; LENGTH: 10
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: Primer
; FEATURE:
; NAME/KEY: modified base
; LOCATION: (3)..(8)
; OTHER INFORMATION: W = A or T
US-09-225-670-47

Query Match 30.0%; Score 3; DB 3; Length 10;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 4 CWW 6
|||
Db 2 CWW 4

RESULT 136
US-09-225-670-47/c
; Sequence 47, Application US/09225670
; Patent No. 6297221
; GENERAL INFORMATION:
; APPLICANT: PARMACEK, MICHAEL S.
; APPLICANT: SOLWAY, JULIAN
; TITLE OF INVENTION: PROMOTER FOR SMOOTH MUSCLE CELL EXPRESSION
; FILE REFERENCE: ARSB:526
; CURRENT APPLICATION NUMBER: US/09/225,670
; CURRENT FILING DATE: 1999-01-05
; EARLIER APPLICATION NUMBER: 08/726,807
; EARLIER FILING DATE: 1996-10-07
; NUMBER OF SEQ ID NOS: 55
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 47
; LENGTH: 10
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: Primer
; FEATURE:
; NAME/KEY: modified base
; LOCATION: (3)..(8)
; OTHER INFORMATION: W = A or T
US-09-225-670-47

Query Match 30.0%; Score 3; DB 3; Length 10;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 5 WWG 7
|||
Db 4 WWG 2

RESULT 137
 US-09-431-349C-47
 ; Sequence 47, Application US/09431349C
 ; Patent No. 6331527
 ; GENERAL INFORMATION:
 ; APPLICANT: PHARMACEK, MICHAEL S.
 ; APPLICANT: SOLWAY, JULIAN
 ; TITLE OF INVENTION: PROMOTER FOR SMOOTH MUSCLE CELL EXPRESSION
 ; FILE REFERENCE: ARSB:526
 ; CURRENT FILING DATE: 1999-11-01
 ; PRIOR APPLICATION NUMBER: US/09/431,349C
 ; PRIOR FILING DATE: 1999-01-05
 ; PRIOR APPLICATION NUMBER: 08/726,807
 ; PRIOR FILING DATE: 1996-10-07
 ; NUMBER OF SEQ ID NOS: 55
 ; SOFTWARE: PatentIn Ver. 2.0
 ; SEQ ID NO 47
 ; LENGTH: 10
 ; TYPE: DNA
 ; ORGANISM: Artificial Sequence
 ; FEATURE:
 ; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
 ; NAME/KEY: modified base
 ; LOCATION: (3)..(8)
 ; OTHER INFORMATION: W = A or T
 US-09-431-349C-47

Query Match 30.0%; Score 3; DB 3; Length 10;
 Best Local Similarity 100.0%; Pred. No. 0;
 Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 4 CW 6
 |||
 Db 2 CW 4

RESULT 138
 US-09-431-349C-47/c
 ; Sequence 47, Application US/09431349C
 ; Patent No. 6331527
 ; GENERAL INFORMATION:
 ; APPLICANT: PHARMACEK, MICHAEL S.
 ; APPLICANT: SOLWAY, JULIAN
 ; TITLE OF INVENTION: PROMOTER FOR SMOOTH MUSCLE CELL EXPRESSION
 ; FILE REFERENCE: ARSB:526
 ; CURRENT APPLICATION NUMBER: US/09/431,349C
 ; CURRENT FILING DATE: 1999-11-01
 ; PRIOR APPLICATION NUMBER: 09/225,670
 ; PRIOR FILING DATE: 1999-01-05
 ; PRIOR APPLICATION NUMBER: 08/726,807
 ; PRIOR FILING DATE: 1996-10-07
 ; NUMBER OF SEQ ID NOS: 55
 ; SOFTWARE: PatentIn Ver. 2.0
 ; SEQ ID NO 47
 ; LENGTH: 10
 ; TYPE: DNA
 ; ORGANISM: Artificial Sequence
 ; FEATURE:
 ; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
 ; NAME/KEY: modified base
 ; LOCATION: (3)..(8)
 ; OTHER INFORMATION: W = A or T
 US-09-431-349C-47

Query Match 30.0%; Score 3; DB 3; Length 10;
 Best Local Similarity 100.0%; Pred. No. 0;
 Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 5 WWG 7
 |||
 Db 4 WWG 2

RESULT 139
 US-09-122-171D-3
 ; Sequence 3, Application US/09122171D
 ; Patent No. 6423693
 ; GENERAL INFORMATION:
 ; APPLICANT: Schwartz, Robert J.
 ; APPLICANT: Draghia-Akli, Ruxandra
 ; APPLICANT: Li, Xuyang
 ; APPLICANT: Eastman, Eric
 ; TITLE OF INVENTION: GHRH Expression System and Methods of Use
 ; FILE REFERENCE: 236/006 GeneMedicine
 ; CURRENT APPLICATION NUMBER: US/09/122,171D
 ; CURRENT FILING DATE: 1998-07-24
 ; PRIOR APPLICATION NUMBER: 60/062,608
 ; PRIOR FILING DATE: 1997-10-20
 ; PRIOR APPLICATION NUMBER: 60/053,609
 ; PRIOR FILING DATE: 1997-07-24
 ; NUMBER OF SEQ ID NOS: 15
 ; SOFTWARE: PatentIn version 3.1
 ; SEQ ID NO 3
 ; LENGTH: 10
 ; TYPE: DNA
 ; ORGANISM: Artificial sequence
 ; FEATURE:
 ; OTHER INFORMATION: The inner core of the serum response element
 ; NAME/KEY: misc.feature
 ; LOCATION: (3)..(8)
 ; OTHER INFORMATION: The letter "w" stands for a or t
 US-09-122-171D-3

Query Match 30.0%; Score 3; DB 3; Length 10;
 Best Local Similarity 100.0%; Pred. No. 0;
 Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 4 CW 6
 |||
 Db 2 CW 4

RESULT 140
 US-09-122-171D-3/c
 ; Sequence 3, Application US/09122171D
 ; Patent No. 6423693
 ; GENERAL INFORMATION:
 ; APPLICANT: Schwartz, Robert J.
 ; APPLICANT: Draghia-Akli, Ruxandra
 ; APPLICANT: Li, Xuyang
 ; APPLICANT: Eastman, Eric
 ; TITLE OF INVENTION: GHRH Expression System and Methods of Use
 ; FILE REFERENCE: 236/006 GeneMedicine
 ; CURRENT APPLICATION NUMBER: US/09/122,171D
 ; CURRENT FILING DATE: 1998-07-24
 ; PRIOR APPLICATION NUMBER: 60/062,608
 ; PRIOR FILING DATE: 1997-10-20
 ; PRIOR APPLICATION NUMBER: 60/053,609
 ; PRIOR FILING DATE: 1997-07-24
 ; NUMBER OF SEQ ID NOS: 15
 ; SOFTWARE: PatentIn version 3.1
 ; SEQ ID NO 3
 ; LENGTH: 10
 ; TYPE: DNA
 ; ORGANISM: Artificial sequence
 ; FEATURE:
 ; OTHER INFORMATION: The inner core of the serum response element
 ; NAME/KEY: misc.feature
 ; LOCATION: (3)..(8)
 ; OTHER INFORMATION: The letter "w" stands for a or t
 US-09-122-171D-3

Query Match 30.0%; Score 3; DB 3; Length 10;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 4 CWW 6
DB 9 CWW 7

RESULT 141

US-09-772-719B-23
; Sequence 23, Application US/09772719B
; Patent No. 6770438
; GENERAL INFORMATION:
; APPLICANT: Zavada, Jan
; Pastorekova, Silvia
; Pastorek, Jaromir
; TITLE OF INVENTION: MN Gene and Protein
; NUMBER OF SEQUENCES: 86
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Leona L. Lauder
; STREET: 465 California Street, Suite 450
; CITY: San Francisco
; STATE: California
; COUNTRY: USA
; ZIP: 94104

COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30 (EPO)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/772,719B
; FILING DATE: 30-Jan-2001
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/485,049
; FILING DATE: 07-JUN-1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Lauder, Leona L.
; REGISTRATION NUMBER: 30,863
; REFERENCE/DOCKET NUMBER: D-0021.3A-2
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 415-981-2034
; TELEFAX: 415-981-0332

INFORMATION FOR SEQ ID NO: 23:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 10 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; DESCRIPTION: Initiator consensus sequence
; SEQUENCE DESCRIPTION: SEQ ID NO: 23:
US-09-772-719B-23

Query Match 30.0%; Score 3; DB 3; Length 10;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 8 YYY 10
DB 1 YYY 3

RESULT 142

US-09-772-719B-23/c
; Sequence 23, Application US/09772719B
; Patent No. 6770438
; GENERAL INFORMATION:
; APPLICANT: Zavada, Jan
; Pastorekova, Silvia

; Pastorek, Jaromir
; TITLE OF INVENTION: MN Gene and Protein
; NUMBER OF SEQUENCES: 86
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Leona L. Lauder
; STREET: 465 California Street, Suite 450
; CITY: San Francisco
; STATE: California
; COUNTRY: USA
; ZIP: 94104
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30 (EPO)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/772,719B
; FILING DATE: 30-Jan-2001
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/485,049
; FILING DATE: 07-JUN-1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Lauder, Leona L.
; REGISTRATION NUMBER: 30,863
; REFERENCE/DOCKET NUMBER: D-0021.3A-2
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 415-981-2034
; TELEFAX: 415-981-0332
; INFORMATION FOR SEQ ID NO: 23:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 10 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; DESCRIPTION: Initiator consensus sequence
; SEQUENCE DESCRIPTION: SEQ ID NO: 23:
US-09-772-719B-23

Query Match 30.0%; Score 3; DB 3; Length 10;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 RRR 3
DB 10 RRR 8

RESULT 143

US-09-664-186-1
; Sequence 1, Application US/09664186
; Patent No. 6815537
; GENERAL INFORMATION:
; APPLICANT: Wayne, Jay
; APPLICANT: Xu, Shuang-yong
; TITLE OF INVENTION: Method For Construction Of Thermus-E. coli Shuttle
; TITLE OF INVENTION: Vectors And Identification Of Two Thermus Plasmid
; FILE REFERENCE: Replication Origins
; FILE REFERENCE: Thermus Shuttle Vector
; CURRENT APPLICATION NUMBER: US/09/664,186
; CURRENT FILING DATE: 2000-09-18
; PRIOR APPLICATION NUMBER: US/09/134,246B
; PRIOR FILING DATE: 1998-08-14
; NUMBER OF SEQ ID NOS: 30
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 1
; LENGTH: 10
; TYPE: DNA
; ORGANISM: Thermus sp.
US-09-664-186-1

Query Match 30.0%; Score 3; DB 3; Length 10;

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;EFFICIENCY OF TRANSCRIPTION
; NUMBER OF SEQUENCES: 1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/07/395,155
; FILING DATE: 17-AUG-1989
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 147,887
; FILING DATE: 25-JAN-1988
; APPLICATION NUMBER: 2,780
; FILING DATE: 13-JAN-1987
; SEQ ID NO:1:
; LENGTH: 10
5164316-1

Query Match      30.0%; Score 3; DB 9; Length 10;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      4 CWG 6
Db      10 CWG 8

RESULT 147
US-08-643-886-13
; Sequence 13, Application US/08643886
; Patent No. 5695977
; GENERAL INFORMATION:
; APPLICANT: JURKA, Jerzy W.
; TITLE OF INVENTION: Site Directed Recombination
; NUMBER OF SEQUENCES: 22
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Fiehr, Hohbach, Test, Albritton & Herbert
; STREET: Four Embarcadero Center, Suite 3400
; CITY: San Francisco
; STATE: CA
; COUNTRY: US
; ZIP: 94111
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/643,886
; FILING DATE:
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Rowland, Bertram I
; REGISTRATION NUMBER: 20015
; REFERENCE/DOCKET NUMBER: A-63252/BIR
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 415-781-1989
; TELEFAX: 415-398-3249
; INFORMATION FOR SEQ ID NO: 13:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 11 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: /desc = "sequence"
US-08-643-886-13

Query Match      30.0%; Score 3; DB 2; Length 11;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      1 RRR 3
Db      8 RRR 10

US-09-664-186-1/c
; Sequence 1, Application US/09664186
; Patent No. 6815537
; GENERAL INFORMATION:
; APPLICANT: Wayne, Jay
; APPLICANT: Xu, Shuang-yong
; TITLE OF INVENTION: Method For Construction Of Thermus-E. coli Shuttle
; TITLE OF INVENTION: Vectors And Identification Of Two Thermus Plasmid
; TITLE OF INVENTION: Replication Origins
; FILE REFERENCE: Thermus Shuttle Vector
; CURRENT APPLICATION NUMBER: US/09/664,186
; CURRENT FILING DATE: 2000-09-18
; PRIOR APPLICATION NUMBER: US/09/134,246B
; PRIOR FILING DATE: 1998-08-14
; NUMBER OF SEQ ID NOS: 30
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 1
; LENGTH: 10
; TYPE: DNA
; ORGANISM: Thermus sp.
US-09-664-186-1

Query Match      30.0%; Score 3; DB 3; Length 10;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      1 RRR 3
Db      10 RRR 8

RESULT 145
5164316-1
; Patent No. 5164316
; APPLICANT: MCPHERSON, JOAN C.;KAY, ROBERT
; TITLE OF INVENTION: DNA CONSTRUCT FOR ENHANCING THE
; EFFICIENCY OF TRANSCRIPTION
; NUMBER OF SEQUENCES: 1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/07/395,155
; FILING DATE: 17-AUG-1989
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 147,887
; FILING DATE: 25-JAN-1988
; APPLICATION NUMBER: 2,780
; FILING DATE: 13-JAN-1987
; SEQ ID NO:1:
; LENGTH: 10
5164316-1

Query Match      30.0%; Score 3; DB 9; Length 10;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      5 WWG 7
Db      8 WWG 10

RESULT 146
5164316-1/c
; Patent No. 5164316
; APPLICANT: MCPHERSON, JOAN C.;KAY, ROBERT
; TITLE OF INVENTION: DNA CONSTRUCT FOR ENHANCING THE
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RESULT 148
US-08-643-886-13/c
; Sequence 13, Application US/08643886
; Patent No. 5695977
; GENERAL INFORMATION:
; APPLICANT: JURKA, Jerzy W.
; TITLE OF INVENTION: Site Directed Recombination
; NUMBER OF SEQUENCES: 22
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Flehr, Hobbach, Test, Albritton & Herbert
; STREET: Four Embarcadero Center, Suite 3400
; CITY: San Francisco
; STATE: CA
; COUNTRY: US
; ZIP: 94111
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/643,886
; FILING DATE:
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Rowland, Bertram I
; REGISTRATION NUMBER: 20015
; REFERENCE/DOCKET NUMBER: A-63252/BIR
; TELEPHONE: 415-781-1989
; TELEFAX: 415-398-3249
; INFORMATION FOR SEQ ID NO: 13:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 11 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: /desc = "sequence"
US-08-643-886-13

Query Match 30.0%; Score 3; DB 2; Length 11;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 8 YYY 10
Db 10 YYY 8

RESULT 149
US-08-643-886-2
; Sequence 2, Application US/08643886
; Patent No. 5695977
; GENERAL INFORMATION:
; APPLICANT: JURKA, Jerzy W.
; TITLE OF INVENTION: Site Directed Recombination
; NUMBER OF SEQUENCES: 22
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Flehr, Hobbach, Test, Albritton & Herbert
; STREET: Four Embarcadero Center, Suite 3400
; CITY: San Francisco
; STATE: CA
; COUNTRY: US
; ZIP: 94111
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/643,886
; FILING DATE:

CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Rowland, Bertram I
REGISTRATION NUMBER: 20015
REFERENCE/DOCKET NUMBER: A-63252/BIR
TELECOMMUNICATION INFORMATION:
TELEPHONE: 415-781-1989
TELEFAX: 415-398-3249
INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:
LENGTH: 12 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid
DESCRIPTION: /desc = "sequence"
US-08-643-886-2

Query Match 30.0%; Score 3; DB 2; Length 12;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 8 YYY 10
Db 9 YYY 11

RESULT 150
US-08-643-886-2/c
; Sequence 2, Application US/08643886
; Patent No. 5695977
; GENERAL INFORMATION:
; APPLICANT: JURKA, Jerzy W.
; TITLE OF INVENTION: Site Directed Recombination
; NUMBER OF SEQUENCES: 22
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Flehr, Hobbach, Test, Albritton & Herbert
; STREET: Four Embarcadero Center, Suite 3400
; CITY: San Francisco
; STATE: CA
; COUNTRY: US
; ZIP: 94111
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/643,886
; FILING DATE:
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Rowland, Bertram I
; REGISTRATION NUMBER: 20015
; REFERENCE/DOCKET NUMBER: A-63252/BIR
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 415-781-1989
; TELEFAX: 415-398-3249
; INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:
LENGTH: 12 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid
DESCRIPTION: /desc = "sequence"
US-08-643-886-2

Query Match 30.0%; Score 3; DB 2; Length 12;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 RRR 3

Query Match 30.0%; Score 3; DB 2; Length 13;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 8 YYY 10
|||
Db 11 YYY 13

RESULT 154
US-08-235-503B-33/c
; Sequence 33, Application US/08235503B
; Patent No. 5563036
; GENERAL INFORMATION:
; APPLICANT: Peterson, Michael G
; APPLICANT: Baichwal, Vijay R
; APPLICANT: Strulovici, Berta
; TITLE OF INVENTION: TRANSCRIPTION FACTOR-DNA ASSAY
; NUMBER OF SEQUENCES: 75
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: FLEHR, HOBBACH, TEST, ALBRITTON & HERBERT
; STREET: 4 Embarcadero Center, Suite 3400
; CITY: San Francisco
; STATE: California
; COUNTRY: USA
; ZIP: 94111-4187
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/235,503B
; FILING DATE: 29-APR-1994
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Osman, Richard A
; REGISTRATION NUMBER: 36,627
; REFERENCE/DOCKET NUMBER: A-59332/RAO
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 781-1989
; TELEX: 910 277299
; INFORMATION FOR SEQ ID NO: 33:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 13 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
US-08-235-503B-33

Query Match 30.0%; Score 3; DB 2; Length 13;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 RRR 3
|||
Db 13 RRR 11

RESULT 155
US-08-643-886-3
; Sequence 3, Application US/08643886
; Patent No. 5695977
; GENERAL INFORMATION:
; APPLICANT: JURKA, Jerzy W.
; TITLE OF INVENTION: Site Directed Recombination
; NUMBER OF SEQUENCES: 22
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Flehr, Hobbach, Test, Albritton & Herbert
; STREET: Four Embarcadero Center, Suite 3400

CITY: San Francisco
STATE: CA
COUNTRY: US
ZIP: 94111
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent In Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/643,886
FILING DATE:
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Rowland, Bertram I
REGISTRATION NUMBER: 20015
REFERENCE/DOCKET NUMBER: A-63252/BIR
TELECOMMUNICATION INFORMATION:
TELEPHONE: 415-781-1989
TELEFAX: 415-398-3249
INFORMATION FOR SEQ ID NO: 3:
SEQUENCE CHARACTERISTICS:
LENGTH: 13 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid
DESCRIPTION: /desc = "sequence"
US-08-643-886-3

Query Match 30.0%; Score 3; DB 2; Length 13;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 8 YYY 10
|||
Db 10 YYY 12

RESULT 156
US-08-643-886-3/c
; Sequence 3, Application US/08643886
; Patent No. 5695977
; GENERAL INFORMATION:
; APPLICANT: JURKA, Jerzy W.
; TITLE OF INVENTION: Site Directed Recombination
; NUMBER OF SEQUENCES: 22
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Flehr, Hobbach, Test, Albritton & Herbert
; STREET: Four Embarcadero Center, Suite 3400
; CITY: San Francisco
; STATE: CA
; COUNTRY: US
; ZIP: 94111
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent In Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/643,886
FILING DATE:
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Rowland, Bertram I
REGISTRATION NUMBER: 20015
REFERENCE/DOCKET NUMBER: A-63252/BIR
TELECOMMUNICATION INFORMATION:
TELEPHONE: 415-781-1989
TELEFAX: 415-398-3249
INFORMATION FOR SEQ ID NO: 3:
SEQUENCE CHARACTERISTICS:
LENGTH: 13 base pairs

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; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: /desc = "sequence"
US-08-643-886-3

Query Match      30.0%; Score 3; DB 2; Length 13;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      1 RRR 3
Db      12 RRR 10

RESULT 157
US-08-643-886-15
; Sequence 15, Application US/08643886
; Patent No. 5695977
; GENERAL INFORMATION:
; APPLICANT: JURKA, Jerzy W.
; TITLE OF INVENTION: Site Directed Recombination
; NUMBER OF SEQUENCES: 22
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Flehr, Hobbach, Test, Albritton & Herbert
; STREET: Four Embarcadero Center, Suite 3400
; CITY: San Francisco
; STATE: CA
; COUNTRY: US
; ZIP: 94111
; COMPUTER READABLE FORM:
; MEDIUM TYPE: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/643,886
; FILING DATE:
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Rowland, Bertram I
; REGISTRATION NUMBER: 20015
; REFERENCE/DOCKET NUMBER: A-63252/BIR
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 415-781-1989
; TELEFAX: 415-398-3249
; INFORMATION FOR SEQ ID NO: 15:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 13 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: /desc = "sequence"
US-08-643-886-15

Query Match      30.0%; Score 3; DB 2; Length 13;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      8 YYY 10
Db      12 YYY 10

RESULT 159
PCT-US95-05265-33
; Sequence 33, Application PC/TUS9505265
; GENERAL INFORMATION:
; APPLICANT: TULARIK, INC.
; TITLE OF INVENTION: TRANSCRIPTION FACTOR-DNA BINDING ASSAY
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: FLEHR, HOBBACH, TEST, ALBRITTON & HERBERT
; STREET: 4 Embarcadero Center, Suite 3400
; CITY: San Francisco
; STATE: California
; COUNTRY: USA
; ZIP: 94111-4187
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: PCT/US95/05265
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/235,503
; FILING DATE: 29-APR-1994
; ATTORNEY/AGENT INFORMATION:
; NAME: Osman, Richard A
; REGISTRATION NUMBER: 36,627
; REFERENCE/DOCKET NUMBER: FP-59232-PC/RAO
```

TELECOMMUNICATION INFORMATION:
 TELEPHONE: (415) 781-1989
 TELEFAX: (415) 398-3249
 TELEX: 910 277299
 INFORMATION FOR SEQ ID NO: 33:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 13 base pairs
 TYPE: nucleic acid
 STRANDEDNESS: single
 TOPOLOGY: linear
 MOLECULE TYPE: cDNA
 PCT-US95-05265-33

Query Match 30.0%; Score 3; DB 6; Length 13;
 Best Local Similarity 100.0%; Pred. No. 0;
 Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 8 YYY 10
 DB 11 YYY 13

RESULT 160
 PCT-US95-05265-33/c
 Sequence 33, Application PC/TUS9505265
 GENERAL INFORMATION:
 APPLICANT: TULARIK, INC.
 TITLE OF INVENTION: TRANSCRIPTION FACTOR-DNA BINDING ASSAY
 NUMBER OF SEQUENCES: 74
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: FLEHR, HOHACH, TEST, ALBRITTON & HERBERT
 STREET: 4 Embarcadero Center, Suite 3400
 CITY: San Francisco
 STATE: California
 COUNTRY: USA
 ZIP: 94111-4187
 COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: Patent In Release #1.0, Version #1.25
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: PCT/US95/05265
 FILING DATE:
 CLASSIFICATION:
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: US 08/235,503
 FILING DATE: 29-APR-1994
 ATTORNEY/AGENT INFORMATION:
 NAME: Osman, Richard A
 REGISTRATION NUMBER: 36,627
 REFERENCE/DOCKET NUMBER: FP-59232-PC/RAO
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (415) 781-1989
 TELEFAX: (415) 398-3249
 TELEX: 910 277299
 INFORMATION FOR SEQ ID NO: 33:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 13 base pairs
 TYPE: nucleic acid
 STRANDEDNESS: single
 TOPOLOGY: linear
 MOLECULE TYPE: cDNA
 PCT-US95-05265-33

Query Match 30.0%; Score 3; DB 6; Length 13;
 Best Local Similarity 100.0%; Pred. No. 0;
 Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 RRR 3
 DB 13 RRR 11

RESULT 161
 US-07-882-838E-32
 Sequence 32, Application US/07882838E
 Patent No. 5616461
 GENERAL INFORMATION:
 APPLICANT: Priscilla A. Schaffer
 APPLICANT: Christine E. Dabrowski Amaral
 TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
 TREATMENT OF VIRUS INFECTIONS
 NUMBER OF SEQUENCES: 49
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: Woodcock Washburn
 STREET: One Liberty Place
 CITY: Philadelphia
 STATE: Pennsylvania
 COUNTRY: U.S.A.
 ZIP: 19103

COMPUTER READABLE FORM:
 MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
 COMPUTER: IBM PS/2 Model 50Z or 55SX
 OPERATING SYSTEM: IBM P.C. DOS (Version 3.30)
 SOFTWARE: WordPerfect (Version 5.1)
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/07/882,838E
 FILING DATE: May 14, 1992
 CLASSIFICATION: 435
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER:
 FILING DATE:
 ATTORNEY/AGENT INFORMATION:
 NAME: Kathryn Leary
 REGISTRATION NUMBER: 36,317
 REFERENCE/DOCKET NUMBER: DFCI-0001
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (215) 568-3100
 TELEFAX: (215) 568-3439
 TELEX:
 INFORMATION FOR SEQ ID NO: 32:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 14
 TYPE: nucleic acid
 STRANDEDNESS: single
 TOPOLOGY: linear
 US-07-882-838E-32

Query Match 30.0%; Score 3; DB 2; Length 14;
 Best Local Similarity 100.0%; Pred. No. 0;
 Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2 RRC 4
 DB 8 RRC 10

RESULT 162
 US-07-882-838E-32/c
 Sequence 32, Application US/07882838E
 Patent No. 5616461
 GENERAL INFORMATION:
 APPLICANT: Priscilla A. Schaffer
 APPLICANT: Christine E. Dabrowski Amaral
 TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
 TREATMENT OF VIRUS INFECTIONS
 NUMBER OF SEQUENCES: 49
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: Woodcock Washburn
 STREET: One Liberty Place
 CITY: Philadelphia
 STATE: Pennsylvania
 COUNTRY: U.S.A.
 ZIP: 19103
 COMPUTER READABLE FORM:

```
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; COMPUTER: IBM PS/2 Model 50Z or 55SX
; OPERATING SYSTEM: IBM P.C. DOS (Version 3.30)
; SOFTWARE: WordPerfect (Version 5.1)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/07/882.838E
; FILING DATE: May 14, 1992
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Kathryn Leary
; REGISTRATION NUMBER: 36,317
; REFERENCE/DOCKET NUMBER: DFCI-0001
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (215) 568-3100
; TELEFAX: (215) 568-3439
; TELEX:
; INFORMATION FOR SEQ ID NO: 32:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 14
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-07-882-838E-32

Query Match 30.0%; Score 3; DB 2; Length 14;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 7 GY 9
Db 10 GY 8

RESULT 163
US-08-643-886-4
; Sequence 4, Application US/08643886
; Patent No. 5695977
; GENERAL INFORMATION:
; APPLICANT: JURKA, Jerzy W.
; TITLE OF INVENTION: Site Directed Recombination
; NUMBER OF SEQUENCES: 22
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Flehr, Hobbach, Test, Albritton & Herbert
; STREET: Four Embarcadero Center, Suite 3400
; CITY: San Francisco
; STATE: CA
; COUNTRY: US
; ZIP: 94111
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/643,886
; FILING DATE:
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Rowland, Bertram I
; REGISTRATION NUMBER: 20015
; REFERENCE/DOCKET NUMBER: A-63252/BIR
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 415-781-1989
; TELEFAX: 415-398-3249
; INFORMATION FOR SEQ ID NO: 4:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 14 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/643,886
; FILING DATE:
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Rowland, Bertram I
; REGISTRATION NUMBER: 20015
; REFERENCE/DOCKET NUMBER: A-63252/BIR
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 415-781-1989
; TELEFAX: 415-398-3249
; INFORMATION FOR SEQ ID NO: 4:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 14 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear

; MEDIUM TYPE: other nucleic acid
; DESCRIPTION: /desc = "sequence"
; US-08-643-886-4

Query Match 30.0%; Score 3; DB 2; Length 14;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 8 YY 10
Db 11 YY 13

RESULT 164
US-08-643-886-4/c
; Sequence 4, Application US/08643886
; Patent No. 5695977
; GENERAL INFORMATION:
; APPLICANT: JURKA, Jerzy W.
; TITLE OF INVENTION: Site Directed Recombination
; NUMBER OF SEQUENCES: 22
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Flehr, Hobbach, Test, Albritton & Herbert
; STREET: Four Embarcadero Center, Suite 3400
; CITY: San Francisco
; STATE: CA
; COUNTRY: US
; ZIP: 94111
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/643,886
; FILING DATE:
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Rowland, Bertram I
; REGISTRATION NUMBER: 20015
; REFERENCE/DOCKET NUMBER: A-63252/BIR
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 415-781-1989
; TELEFAX: 415-398-3249
; INFORMATION FOR SEQ ID NO: 4:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 14 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MEDIUM TYPE: other nucleic acid
; DESCRIPTION: /desc = "sequence"
; US-08-643-886-4

Query Match 30.0%; Score 3; DB 2; Length 14;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 RRR 3
Db 13 RRR 11

RESULT 165
US-08-643-886-16
; Sequence 16, Application US/08643886
; Patent No. 5695977
; GENERAL INFORMATION:
; APPLICANT: JURKA, Jerzy W.
; TITLE OF INVENTION: Site Directed Recombination
; NUMBER OF SEQUENCES: 22
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Flehr, Hobbach, Test, Albritton & Herbert
```

STREET: Four Embarcadero Center, Suite 3400
CITY: San Francisco
STATE: CA
COUNTRY: US
ZIP: 94111
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent In Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/643,886
FILING DATE:
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Rowland, Bertram I
REGISTRATION NUMBER: 20015
REFERENCE/DOCKET NUMBER: A-63252/BIR
TELEPHONE: 415-781-1989
TELEFAX: 415-398-3249
INFORMATION FOR SEQ ID NO: 16:
SEQUENCE CHARACTERISTICS:
LENGTH: 14 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid
DESCRIPTION: /desc = "sequence"
US-08-643-886-16

Query Match 30.0%; Score 3; DB 2; Length 14;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 RRR 3
DB 11 RRR 13

RESULT 166
US-08-643-886-16/c
Sequence 16, Application US/08643886
Patent No. 5695977
GENERAL INFORMATION:
APPLICANT: JURKA, Jerzy W.
TITLE OF INVENTION: Site Directed Recombination
NUMBER OF SEQUENCES: 22
CORRESPONDENCE ADDRESS:
ADDRESSER: Flehr, Hobbach, Test, Albritton & Herbert
STREET: Four Embarcadero Center, Suite 3400
CITY: San Francisco
STATE: CA
COUNTRY: US
ZIP: 94111
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent In Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/643,886
FILING DATE:
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Rowland, Bertram I
REGISTRATION NUMBER: 20015
REFERENCE/DOCKET NUMBER: A-63252/BIR
TELEPHONE: 415-781-1989
TELEFAX: 415-398-3249
INFORMATION FOR SEQ ID NO: 16:
SEQUENCE CHARACTERISTICS:

LENGTH: 14 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid
DESCRIPTION: /desc = "sequence"
US-08-643-886-16

Query Match 30.0%; Score 3; DB 2; Length 14;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 8 YYY 10
DB 13 YYY 11

RESULT 167
US-08-646-789A-38
Sequence 38, Application US/08646789A
Patent No. 6022863
GENERAL INFORMATION:
APPLICANT: Peyman, John A.
TITLE OF INVENTION: REGULATION OF GENE EXPRESSION
NUMBER OF SEQUENCES: 101
CORRESPONDENCE ADDRESS:
ADDRESSEE: PENNIE & EDMONDS
STREET: 1155 Avenue of the Americas
CITY: New York
STATE: New York
COUNTRY: U.S.A.
ZIP: 10036-2711
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent In Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/646,789A
FILING DATE: May 21, 1996
CLASSIFICATION: 800
ATTORNEY/AGENT INFORMATION:
NAME: Mistrock, S. Leslie
REGISTRATION NUMBER: 18,872
REFERENCE/DOCKET NUMBER: 6523-006
TELECOMMUNICATION INFORMATION:
TELEPHONE: (212) 790-9090
TELEFAX: (212) 869-9741/8864
INFORMATION FOR SEQ ID NO: 38:
SEQUENCE CHARACTERISTICS:
LENGTH: 14 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA
US-08-646-789A-38

Query Match 30.0%; Score 3; DB 3; Length 14;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 8 YYY 10
DB 11 YYY 13

RESULT 168
US-08-646-789A-38/c
Sequence 38, Application US/08646789A
Patent No. 6022863
GENERAL INFORMATION:
APPLICANT: Peyman, John A.

```
;
; TITLE OF INVENTION: REGULATION OF GENE EXPRESSION
; NUMBER OF SEQUENCES: 101
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: PENNIE & EDMONDS
; STREET: 1155 Avenue of the Americas
; CITY: New York
; STATE: New York
; COUNTRY: U.S.A.
; ZIP: 10036-2711
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/646,789A
; FILING DATE: May 21, 1996
; CLASSIFICATION: 800
; ATTORNEY/AGENT INFORMATION:
; NAME: Mistrock, S. Leslie
; REGISTRATION NUMBER: 18,872
; REFERENCE/DOCKET NUMBER: 6523-006
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (212) 790-9090
; TELEFAX: (212) 869-9741/8864
; TELEX: 66141 PENNIE
; INFORMATION FOR SEQ ID NO: 38:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 14 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
; US-08-646-789A-38

Query Match 30.0%; Score 3; DB 3; Length 14;
Best Local Similarity 100.0%; Pred.No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 RRR 3
DB 14 RRR 12

RESULT 169
US-08-646-789A-39
; Sequence 39, Application US/08646789A
; Patent No. 6022863
; GENERAL INFORMATION:
; APPLICANT: Peyman, John A.
; TITLE OF INVENTION: REGULATION OF GENE EXPRESSION
; NUMBER OF SEQUENCES: 101
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: PENNIE & EDMONDS
; STREET: 1155 Avenue of the Americas
; CITY: New York
; STATE: New York
; COUNTRY: U.S.A.
; ZIP: 10036-2711
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/646,789A
; FILING DATE: May 21, 1996
; CLASSIFICATION: 800
; ATTORNEY/AGENT INFORMATION:
; NAME: Mistrock, S. Leslie
; REGISTRATION NUMBER: 18,872
; REFERENCE/DOCKET NUMBER: 6523-006
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (212) 790-9090
; TELEFAX: (212) 869-9741/8864
; TELEX: 66141 PENNIE
; INFORMATION FOR SEQ ID NO: 39:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 14 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
; US-08-646-789A-39

Query Match 30.0%; Score 3; DB 3; Length 14;
Best Local Similarity 100.0%; Pred.No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 8 YYY 10
DB 4 YYY 2

RESULT 171
US-08-646-301A-8
```

```
;
; TELEPHONE: (212) 790-9090
; TELEFAX: (212) 869-9741/8864
; TELEX: 66141 PENNIE
; INFORMATION FOR SEQ ID NO: 39:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 14 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
; US-08-646-789A-39

Query Match 30.0%; Score 3; DB 3; Length 14;
Best Local Similarity 100.0%; Pred.No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 RRR 3
DB 1 RRR 3

RESULT 170
US-08-646-789A-39/c
; Sequence 39, Application US/08646789A
; Patent No. 6022863
; GENERAL INFORMATION:
; APPLICANT: Peyman, John A.
; TITLE OF INVENTION: REGULATION OF GENE EXPRESSION
; NUMBER OF SEQUENCES: 101
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: PENNIE & EDMONDS
; STREET: 1155 Avenue of the Americas
; CITY: New York
; STATE: New York
; COUNTRY: U.S.A.
; ZIP: 10036-2711
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/646,789A
; FILING DATE: May 21, 1996
; CLASSIFICATION: 800
; ATTORNEY/AGENT INFORMATION:
; NAME: Mistrock, S. Leslie
; REGISTRATION NUMBER: 18,872
; REFERENCE/DOCKET NUMBER: 6523-006
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (212) 790-9090
; TELEFAX: (212) 869-9741/8864
; TELEX: 66141 PENNIE
; INFORMATION FOR SEQ ID NO: 39:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 14 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
; US-08-646-789A-39

Query Match 30.0%; Score 3; DB 3; Length 14;
Best Local Similarity 100.0%; Pred.No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 8 YYY 10
DB 4 YYY 2

RESULT 171
US-08-646-301A-8
```



```
; Sequence 8, Application US/08646301A
; Patent No. 6194211
; GENERAL INFORMATION:
; APPLICANT: Richards, Cynthia Ann
; APPLICANT: Huber, Brian E.
; TITLE OF INVENTION: Transcriptional Regulatory Sequence of Carcinoembryonic
; Patent No. 6194211
; TITLE OF INVENTION: Antigen for Expression Targeting
; FILE REFERENCE: PB1508USW
; CURRENT APPLICATION NUMBER: US/08/646,301A
; CURRENT FILING DATE: 1996-05-16
; NUMBER OF SEQ ID NOS: 25
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 8
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: consensus
; OTHER INFORMATION: sequence A4alt from DNA Sequence 1:3-11 (1990).
; Patent No. 6194211
US-08-646-301A-8

Query Match          30.0%; Score 3; DB 3; Length 14;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1 RRR 3
Db      1 RRR 3

RESULT 172
US-08-646-301A-8/c
; Sequence 8, Application US/08646301A
; Patent No. 6194211
; GENERAL INFORMATION:
; APPLICANT: Richards, Cynthia Ann
; APPLICANT: Huber, Brian E.
; TITLE OF INVENTION: Transcriptional Regulatory Sequence of Carcinoembryonic
; Patent No. 6194211
; TITLE OF INVENTION: Antigen for Expression Targeting
; FILE REFERENCE: PB1508USW
; CURRENT APPLICATION NUMBER: US/08/646,301A
; CURRENT FILING DATE: 1996-05-16
; NUMBER OF SEQ ID NOS: 25
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 8
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: consensus
; OTHER INFORMATION: sequence A4alt from DNA Sequence 1:3-11 (1990).
; Patent No. 6194211
US-08-646-301A-8

Query Match          30.0%; Score 3; DB 3; Length 14;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      8 YYY 10
Db      3 YYY 1

RESULT 173
US-09-305-639-7
; Sequence 7, Application US/09305639
; Patent No. 6200778
; GENERAL INFORMATION:
; APPLICANT: Treco, Douglas A.
; APPLICANT: Heartlein, Michael W.
; TITLE OF INVENTION: GENOMIC SEQUENCES FOR PROTEIN PRODUCTION AND DELIVERY
; FILE REFERENCE: 07236/016001
; CURRENT APPLICATION NUMBER: US/09/305,639
; CURRENT FILING DATE: 1999-05-05
; EARLIER APPLICATION NUMBER: 60/084,663
; EARLIER FILING DATE: 1998-05-07
; NUMBER OF SEQ ID NOS: 7
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 7
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Homo sapiens
; NAME/KEY: misc feature
; LOCATION: (1)...(14)
; OTHER INFORMATION: n = A,T,C or G
US-09-305-639-7

Query Match          30.0%; Score 3; DB 3; Length 14;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1 RRR 3
Db      10 RRR 8

RESULT 175
US-09-305-384-8
; Sequence 8, Application US/09305384
; Patent No. 6242218
; GENERAL INFORMATION:
; APPLICANT: Treco, Douglas A.
; APPLICANT: Heartlein, Michael W.
; APPLICANT: Selden, Richard F.
; TITLE OF INVENTION: GENOMIC SEQUENCES FOR PROTEIN PRODUCTION AND DELIVERY
; FILE REFERENCE: 07236/017001
```

```
; APPLICANT: Selden, Richard F.
; TITLE OF INVENTION: GENOMIC SEQUENCES FOR PROTEIN PRODUCTION AND DELIVERY
; FILE REFERENCE: 07236/016001
; CURRENT APPLICATION NUMBER: US/09/305,639
; CURRENT FILING DATE: 1999-05-05
; EARLIER APPLICATION NUMBER: 60/084,663
; EARLIER FILING DATE: 1998-05-07
; NUMBER OF SEQ ID NOS: 7
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 7
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Homo sapiens
; NAME/KEY: misc feature
; LOCATION: (1)...(14)
; OTHER INFORMATION: n = A,T,C or G
US-09-305-639-7

Query Match          30.0%; Score 3; DB 3; Length 14;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      8 YYY 10
Db      1 YYY 3

RESULT 174
US-09-305-639-7/c
; Sequence 7, Application US/09305639
; Patent No. 6200778
; GENERAL INFORMATION:
; APPLICANT: Treco, Douglas A.
; APPLICANT: Heartlein, Michael W.
; APPLICANT: Selden, Richard F.
; TITLE OF INVENTION: GENOMIC SEQUENCES FOR PROTEIN PRODUCTION AND DELIVERY
; FILE REFERENCE: 07236/016001
; CURRENT APPLICATION NUMBER: US/09/305,639
; CURRENT FILING DATE: 1999-05-05
; EARLIER APPLICATION NUMBER: 60/084,663
; EARLIER FILING DATE: 1998-05-07
; NUMBER OF SEQ ID NOS: 7
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 7
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Homo sapiens
; NAME/KEY: misc feature
; LOCATION: (1)...(14)
; OTHER INFORMATION: n = A,T,C or G
US-09-305-639-7

Query Match          30.0%; Score 3; DB 3; Length 14;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1 RRR 3
Db      10 RRR 8

RESULT 175
US-09-305-384-8
; Sequence 8, Application US/09305384
; Patent No. 6242218
; GENERAL INFORMATION:
; APPLICANT: Treco, Douglas A.
; APPLICANT: Heartlein, Michael W.
; APPLICANT: Selden, Richard F.
; TITLE OF INVENTION: GENOMIC SEQUENCES FOR PROTEIN PRODUCTION AND DELIVERY
; FILE REFERENCE: 07236/017001
```

```

; CURRENT APPLICATION NUMBER: US/09/305,384
; CURRENT FILING DATE: 1999-05-05
; EARLIER APPLICATION NUMBER: US 60/084,649
; EARLIER FILING DATE: 1998-05-07
; NUMBER OF SEQ ID NOS: 8
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 8
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (1)...(14)
; OTHER INFORMATION: n = A,T,C or G
; US-09-305-384-8

```

```

Query Match      30.0%; Score 3; DB 3; Length 14;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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```

Qy      8 YYY 10
Db      1 YYY 3

```

RESULT 176

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US-09-305-384-8/c
; Sequence 8, Application US/09305384
; Patent No. 6242218
; GENERAL INFORMATION:
; APPLICANT: Treco, Douglas A.
; APPLICANT: Heartlein, Michael W.
; TITLE OF INVENTION: GENOMIC SEQUENCES FOR PROTEIN PRODUCTION AND DELIVERY
; FILE REFERENCE: 07236/017001
; CURRENT APPLICATION NUMBER: US/09/305,384
; CURRENT FILING DATE: 1999-05-05
; EARLIER APPLICATION NUMBER: US 60/084,649
; EARLIER FILING DATE: 1998-05-07
; NUMBER OF SEQ ID NOS: 8
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 8
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (1)...(14)
; OTHER INFORMATION: n = A,T,C or G
; US-09-305-384-8

```

```

Query Match      30.0%; Score 3; DB 3; Length 14;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

```

Qy      1 RRR 3
Db      10 RRR 8

```

RESULT 177

```

US-09-318-138-22
; Sequence 22, Application US/09318138
; Patent No. 6531123
; GENERAL INFORMATION:
; APPLICANT: CHANG, Lung-Ji
; TITLE OF INVENTION: LENTIVIRAL VECTORS
; NUMBER OF SEQUENCES: 62
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: BROWDY AND NEIMARK, P.L.L.C.
; STREET: 624 Ninth Street, N.W., Suite 300
; CITY: Washington
; STATE: D.C.

```

```

; COUNTRY: USA
; ZIP: 20001
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/318,138
; FILING DATE: 25-May-1999
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 60/086,635
; FILING DATE: 26-MAY-1998
; APPLICATION NUMBER: US 08/935,312
; FILING DATE: 22-SEP-1997
; ATTORNEY/AGENT INFORMATION:
; NAME: COOPER, Iver P.
; REGISTRATION NUMBER: 28,005
; REFERENCE/DOCKET NUMBER: CHANG=109A
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 202-628-5197
; TELEFAX: 202-737-3528
; INFORMATION FOR SEQ ID NO: 22:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 14 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cdna
; SEQUENCE DESCRIPTION: SEQ ID NO: 22:
; US-09-318-138-22

```

```

Query Match      30.0%; Score 3; DB 3; Length 14;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

```

Qy      8 YYY 10
Db      1 YYY 3

```

RESULT 178

```

US-09-318-138-22/c
; Sequence 22, Application US/09318138
; Patent No. 6531123
; GENERAL INFORMATION:
; APPLICANT: CHANG, Lung-Ji
; TITLE OF INVENTION: LENTIVIRAL VECTORS
; NUMBER OF SEQUENCES: 62
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: BROWDY AND NEIMARK, P.L.L.C.
; STREET: 624 Ninth Street, N.W., Suite 300
; CITY: Washington
; STATE: D.C.
; COUNTRY: USA
; ZIP: 20001
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/318,138
; FILING DATE: 25-May-1999
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 60/086,635
; FILING DATE: 26-MAY-1998
; APPLICATION NUMBER: US 08/935,312
; FILING DATE: 22-SEP-1997
; ATTORNEY/AGENT INFORMATION:
; NAME: COOPER, Iver P.

```

```
;
; REGISTRATION NUMBER: 28,005
; REFERENCE/DOCKET NUMBER: CHANG=109A
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 202-628-5197
; TELEFAX: 202-737-3528
; INFORMATION FOR SEQ ID NO: 22:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 14 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
; SEQUENCE DESCRIPTION: SEQ ID NO: 22:
US-09-318-138-22

Query Match          30.0%; Score 3; DB 3; Length 14;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 RRR 3
Db 10 RRR 8

RESULT 179
US-09-525-160B-10
; Sequence 10, Application US/09525160B
; Patent No. 6569681
; GENERAL INFORMATION:
; APPLICANT: Ivanov, Evguenii
; TITLE OF INVENTION: METHODS OF IMPROVING HOMOLOGOUS RECOMBINATION
; FILE REFERENCE: 10278/016001
; CURRENT APPLICATION NUMBER: US/09/525,160B
; CURRENT FILING DATE: 2000-03-14
; NUMBER OF SEQ ID NOS: 10
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 10
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetically generated oligonucleotide
; NAME/KEY: misc_feature
; LOCATION: 11
; OTHER INFORMATION: n =a, g, c or t
US-09-525-160B-10

Query Match          30.0%; Score 3; DB 3; Length 14;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 8 YYY 10
Db 1 YYY 3

RESULT 180
US-09-525-160B-10/c
; Sequence 10, Application US/09525160B
; Patent No. 6569681
; GENERAL INFORMATION:
; APPLICANT: Ivanov, Evguenii
; TITLE OF INVENTION: METHODS OF IMPROVING HOMOLOGOUS RECOMBINATION
; FILE REFERENCE: 10278/016001
; CURRENT APPLICATION NUMBER: US/09/525,160B
; CURRENT FILING DATE: 2000-03-14
; NUMBER OF SEQ ID NOS: 10
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 10
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Artificial Sequence

; FEATURE:
; OTHER INFORMATION: Synthetically generated oligonucleotide
; NAME/KEY: misc_feature
; LOCATION: 11
; OTHER INFORMATION: n =a, g, c or t
US-09-525-160B-10

Query Match          30.0%; Score 3; DB 3; Length 14;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 8 YYY 10
Db 1 YYY 3

RESULT 181
PCT-US94-06456-4
; Sequence 4, Application PC/TUS9406456
; GENERAL INFORMATION:
; APPLICANT: Beutel, Bruce A.
; APPLICANT: Coppola, George R.
; APPLICANT: Sherman, Michael I.
; TITLE OF INVENTION: Oligonucleotides Which Inhibit HIV Protease Function
; NUMBER OF SEQUENCES: 60
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Carella, Byrne, Bain, Gilfillan, Cecchi, Stewart & Olstein
; STREET: 6 Becker Farm Road
; CITY: Roseland
; STATE: New Jersey
; COUNTRY: USA
; ZIP: 07068
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5 inch diskette
; COMPUTER: IBM PS/2
; OPERATING SYSTEM: PC - DOS
; SOFTWARE: DW4.V2
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: PCT/US94/06456
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/073,873
; FILING DATE: 09-JUN-1993
; ATTORNEY/AGENT INFORMATION:
; NAME: Olstein, Elliott M.
; REGISTRATION NUMBER: 24,025
; REFERENCE/DOCKET NUMBER: 23550-89
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 201-994-1700
; TELEFAX: 201-994-1744
; INFORMATION FOR SEQ ID NO: 4:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 14 bases
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: oligonucleotide
; FEATURE:
; OTHER INFORMATION: R is a modified or unmodified purine
PCT-US94-06456-4

Query Match          30.0%; Score 3; DB 6; Length 14;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 RRR 3
Db 12 RRR 14

RESULT 182
PCT-US94-06456-4

Query Match          30.0%; Score 3; DB 6; Length 14;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 RRR 3
Db 12 RRR 14

RESULT 182
PCT-US94-06456-4
```

```

PCT-US94-06456-4/c
; Sequence 4, Application PC/TUS9406456
; GENERAL INFORMATION:
; APPLICANT: Beutel, Bruce A.
; APPLICANT: Coppola, George R.
; APPLICANT: Sherman, Michael I.
; TITLE OF INVENTION: Oligonucleotides Which Inhibit HIV Protease Function
; NUMBER OF SEQUENCES: 60
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Carella, Byrne, Bain, Gilfillan, Cecchi, Stewart & Olstein
; STREET: 6 Becker Farm Road
; CITY: Roseland
; STATE: New Jersey
; COUNTRY: USA
; ZIP: 07068
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5 inch diskette
; COMPUTER: IBM PS/2
; OPERATING SYSTEM: PC - DOS
; SOFTWARE: DM4 V2
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: PCT/US94/06456
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/073,873
; FILING DATE: 09-JUN-1993
; ATTORNEY/AGENT INFORMATION:
; NAME: Olstein, Elliott M.
; REGISTRATION NUMBER: 24,025
; REFERENCE/DOCKET NUMBER: 23550-89
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 201-994-1700
; TELEFAX: 201-994-1744
; INFORMATION FOR SEQ ID NO: 4:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 14 bases
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: oligonucleotide
; FEATURE:
; OTHER INFORMATION: R is a modified or unmodified purine
PCT-US94-06456-4
Query Match 30.0%; Score 3; DB 6; Length 14;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 8 YYY 10
DB 14 YYY 12

RESULT 183
PCT-US94-06456-33
; Sequence 33, Application PC/TUS9406456
; GENERAL INFORMATION:
; APPLICANT: Beutel, Bruce A.
; APPLICANT: Coppola, George R.
; APPLICANT: Sherman, Michael I.
; TITLE OF INVENTION: Oligonucleotides Which Inhibit HIV Protease Function
; NUMBER OF SEQUENCES: 60
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Carella, Byrne, Bain, Gilfillan, Cecchi, Stewart & Olstein
; STREET: 6 Becker Farm Road
; CITY: Roseland
; STATE: New Jersey
; COUNTRY: USA
; ZIP: 07068
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5 inch diskette
; COMPUTER: IBM PS/2
; OPERATING SYSTEM: PC - DOS
; SOFTWARE: DM4 V2
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: PCT/US94/06456
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/073,873
; FILING DATE: 09-JUN-1993
; ATTORNEY/AGENT INFORMATION:
; NAME: Olstein, Elliott M.
; REGISTRATION NUMBER: 24,025
; REFERENCE/DOCKET NUMBER: 23550-89
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 201-994-1700
; TELEFAX: 201-994-1744
; INFORMATION FOR SEQ ID NO: 4:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 14 bases
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: oligonucleotide
; FEATURE:
; OTHER INFORMATION: R is a modified or unmodified purine
PCT-US94-06456-4
Query Match 30.0%; Score 3; DB 6; Length 14;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 8 YYY 10
DB 14 YYY 12

RESULT 184
PCT-US94-06456-33/c
; Sequence 33, Application PC/TUS9406456
; GENERAL INFORMATION:
; APPLICANT: Beutel, Bruce A.
; APPLICANT: Coppola, George R.
; APPLICANT: Sherman, Michael I.
; TITLE OF INVENTION: Oligonucleotides Which Inhibit HIV Protease Function
; NUMBER OF SEQUENCES: 60
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Carella, Byrne, Bain, Gilfillan, Cecchi, Stewart & Olstein
; STREET: 6 Becker Farm Road
; CITY: Roseland
; STATE: New Jersey
; COUNTRY: USA
; ZIP: 07068
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5 inch diskette
; COMPUTER: IBM PS/2
; OPERATING SYSTEM: PC - DOS
; SOFTWARE: DM4 V2
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: PCT/US94/06456
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/073,873
; FILING DATE: 09-JUN-1993
; ATTORNEY/AGENT INFORMATION:
; NAME: Olstein, Elliott M.
; REGISTRATION NUMBER: 24,025
; REFERENCE/DOCKET NUMBER: 23550-89
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 201-994-1700
; TELEFAX: 201-994-1744
; INFORMATION FOR SEQ ID NO: 33:
; SEQUENCE CHARACTERISTICS:

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```

; OPERATING SYSTEM: PC - DOS
; SOFTWARE: DM4 V2
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: PCT/US94/06456
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/073,873
; FILING DATE: 09-JUN-1993
; ATTORNEY/AGENT INFORMATION:
; NAME: Olstein, Elliott M.
; REGISTRATION NUMBER: 24,025
; REFERENCE/DOCKET NUMBER: 23550-89
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 201-994-1700
; TELEFAX: 201-994-1744
; INFORMATION FOR SEQ ID NO: 33:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 14 bases
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: oligonucleotide
; FEATURE:
; OTHER INFORMATION: R is a modified or unmodified purine.
PCT-US94-06456-33
Query Match 30.0%; Score 3; DB 6; Length 14;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 RRR 3
DB 12 RRR 14

RESULT 184
PCT-US94-06456-33/c
; Sequence 33, Application PC/TUS9406456
; GENERAL INFORMATION:
; APPLICANT: Beutel, Bruce A.
; APPLICANT: Coppola, George R.
; APPLICANT: Sherman, Michael I.
; TITLE OF INVENTION: Oligonucleotides Which Inhibit HIV Protease Function
; NUMBER OF SEQUENCES: 60
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Carella, Byrne, Bain, Gilfillan, Cecchi, Stewart & Olstein
; STREET: 6 Becker Farm Road
; CITY: Roseland
; STATE: New Jersey
; COUNTRY: USA
; ZIP: 07068
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5 inch diskette
; COMPUTER: IBM PS/2
; OPERATING SYSTEM: PC - DOS
; SOFTWARE: DM4 V2
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: PCT/US94/06456
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/073,873
; FILING DATE: 09-JUN-1993
; ATTORNEY/AGENT INFORMATION:
; NAME: Olstein, Elliott M.
; REGISTRATION NUMBER: 24,025
; REFERENCE/DOCKET NUMBER: 23550-89
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 201-994-1700
; TELEFAX: 201-994-1744
; INFORMATION FOR SEQ ID NO: 33:
; SEQUENCE CHARACTERISTICS:

```

; LENGTH: 14 bases
 ; TYPE: nucleic acid
 ; STRANDEDNESS: single
 ; TOPOLOGY: linear
 ; MOLECULE TYPE: oligonucleotide
 ; FEATURE:
 ; OTHER INFORMATION: R is a modified or unmodified purine.
 PCT-US94-06456-33

Query Match 30.0%; Score 3; DB 6; Length 14;
 Best Local Similarity 100.0%; Pred. No. 0;
 Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 8 YYY 10
 DB 14 YYY 12

RESULT 185
 US-08-643-886-5
 ; Sequence 5, Application US/08643886
 ; Patent No. 5695977
 ; GENERAL INFORMATION:
 ; APPLICANT: JURKA, Jerzy W.
 ; TITLE OF INVENTION: Site Directed Recombination
 ; NUMBER OF SEQUENCES: 22
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: Flehr, Hobbach, Test, Albritton & Herbert
 ; STREET: Four Embarcadero Center, Suite 3400
 ; CITY: San Francisco
 ; STATE: CA
 ; COUNTRY: US
 ; ZIP: 94111
 ; COMPUTER READABLE FORM:
 ; MEDIUM TYPE: Floppy disk
 ; COMPUTER: IBM PC compatible
 ; OPERATING SYSTEM: PC-DOS/MS-DOS
 ; SOFTWARE: PatentIn Release #1.0, Version #1.30
 ; CURRENT APPLICATION DATA:
 ; APPLICATION NUMBER: US/08/643,886
 ; FILING DATE:
 ; CLASSIFICATION: 435
 ; ATTORNEY/AGENT INFORMATION:
 ; NAME: Rowland, Bertram I
 ; REGISTRATION NUMBER: 20015
 ; REFERENCE/DOCKET NUMBER: A-63252/BIR
 ; TELECOMMUNICATION INFORMATION:
 ; TELEPHONE: 415-781-1989
 ; TELEFAX: 415-398-3249
 ; INFORMATION FOR SEQ ID NO: 5:
 ; SEQUENCE CHARACTERISTICS:
 ; LENGTH: 15 base pairs
 ; TYPE: nucleic acid
 ; STRANDEDNESS: single
 ; TOPOLOGY: linear
 ; MOLECULE TYPE: other nucleic acid
 ; DESCRIPTION: /desc = "sequence"
 US-08-643-886-5

Query Match 30.0%; Score 3; DB 2; Length 15;
 Best Local Similarity 100.0%; Pred. No. 0;
 Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 8 YYY 10
 DB 12 YYY 14

RESULT 186
 US-08-643-886-5/c
 ; Sequence 5, Application US/08643886
 ; Patent No. 5695977
 ; GENERAL INFORMATION:

; APPLICANT: JURKA, Jerzy W.
 ; TITLE OF INVENTION: Site Directed Recombination
 ; NUMBER OF SEQUENCES: 22
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: Flehr, Hobbach, Test, Albritton & Herbert
 ; STREET: Four Embarcadero Center, Suite 3400
 ; CITY: San Francisco
 ; STATE: CA
 ; COUNTRY: US
 ; ZIP: 94111
 ; COMPUTER READABLE FORM:
 ; MEDIUM TYPE: Floppy disk
 ; COMPUTER: IBM PC compatible
 ; OPERATING SYSTEM: PC-DOS/MS-DOS
 ; SOFTWARE: PatentIn Release #1.0, Version #1.30
 ; CURRENT APPLICATION DATA:
 ; APPLICATION NUMBER: US/08/643,886
 ; FILING DATE:
 ; CLASSIFICATION: 435
 ; ATTORNEY/AGENT INFORMATION:
 ; NAME: Rowland, Bertram I
 ; REGISTRATION NUMBER: 20015
 ; REFERENCE/DOCKET NUMBER: A-63252/BIR
 ; TELECOMMUNICATION INFORMATION:
 ; TELEPHONE: 415-781-1989
 ; TELEFAX: 415-398-3249
 ; INFORMATION FOR SEQ ID NO: 5:
 ; SEQUENCE CHARACTERISTICS:
 ; LENGTH: 15 base pairs
 ; TYPE: nucleic acid
 ; STRANDEDNESS: single
 ; TOPOLOGY: linear
 ; MOLECULE TYPE: other nucleic acid
 ; DESCRIPTION: /desc = "sequence"
 US-08-643-886-5

Query Match 30.0%; Score 3; DB 2; Length 15;
 Best Local Similarity 100.0%; Pred. No. 0;
 Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 RRR 3
 DB 14 RRR 12

RESULT 187
 US-08-643-886-17
 ; Sequence 17, Application US/08643886
 ; Patent No. 5695977
 ; GENERAL INFORMATION:
 ; APPLICANT: JURKA, Jerzy W.
 ; TITLE OF INVENTION: Site Directed Recombination
 ; NUMBER OF SEQUENCES: 22
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: Flehr, Hobbach, Test, Albritton & Herbert
 ; STREET: Four Embarcadero Center, Suite 3400
 ; CITY: San Francisco
 ; STATE: CA
 ; COUNTRY: US
 ; ZIP: 94111
 ; COMPUTER READABLE FORM:
 ; MEDIUM TYPE: Floppy disk
 ; COMPUTER: IBM PC compatible
 ; OPERATING SYSTEM: PC-DOS/MS-DOS
 ; SOFTWARE: PatentIn Release #1.0, Version #1.30
 ; CURRENT APPLICATION DATA:
 ; APPLICATION NUMBER: US/08/643,886
 ; FILING DATE:
 ; CLASSIFICATION: 435
 ; ATTORNEY/AGENT INFORMATION:
 ; NAME: Rowland, Bertram I
 ; REGISTRATION NUMBER: 20015
 ; REFERENCE/DOCKET NUMBER: A-63252/BIR

TELECOMMUNICATION INFORMATION:

TELEPHONE: 415-781-1989
TELEFAX: 415-398-3249
INFORMATION FOR SEQ ID NO: 17:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid
DESCRIPTION: /desc = "sequence"
US-08-643-886-17

Query Match 30.0%; Score 3; DB 2; Length 15;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 RRR 3
|||
DB 12 RRR 14

RESULT 188

US-08-643-886-17/c
Sequence 17, Application US/08643886
Patent No. 5695977

GENERAL INFORMATION:

APPLICANT: JURKA, Jerzy W.
TITLE OF INVENTION: Site Directed Recombination
NUMBER OF SEQUENCES: 22
CORRESPONDENCE ADDRESS:
ADDRESSEE: Flehr, Hobbach, Test, Albritton & Herbert
STREET: Four Embarcadero Center, Suite 3400
CITY: San Francisco
STATE: CA
COUNTRY: US
ZIP: 94111

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/643.886
FILING DATE:

CLASSIFICATION: 435

ATTORNEY/AGENT INFORMATION:
NAME: Rowland, Bertram I
REGISTRATION NUMBER: 20015
REFERENCE/DOCKET NUMBER: A-63252/BIR
TELECOMMUNICATION INFORMATION:
TELEPHONE: 415-781-1989
TELEFAX: 415-398-3249

INFORMATION FOR SEQ ID NO: 17:

SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid
DESCRIPTION: /desc = "sequence"
US-08-643-886-17

Query Match 30.0%; Score 3; DB 2; Length 15;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 8 YYY 10
|||
DB 14 YYY 12

RESULT 189

US-08-737-371A-8
Sequence 8, Application US/08737371A
Patent No. 5959094
GENERAL INFORMATION:
APPLICANT: David WALLACH
APPLICANT: Peter KUHNERT
APPLICANT: Gotz EHRHARDT
APPLICANT: Oliver KEMPER
TITLE OF INVENTION: p75 TNF RECEPTOR PROMOTERS
NUMBER OF SEQUENCES: 24
CORRESPONDENCE ADDRESS:
ADDRESSEE: BROWDY AND NEIMARK
STREET: 419 Seventh Street, N.W., Suite 300
CITY: Washington
STATE: D.C.
COUNTRY: USA
ZIP: 20004

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/737.371A
FILING DATE: 08-NOVEMBER-1996
PRIOR APPLICATION DATA:
APPLICATION NUMBER: PCT/US95/05853
FILING DATE: 11-MAY-1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: IL 109,633
FILING DATE: 11-MAY-1994
ATTORNEY/AGENT INFORMATION:
NAME: BROWDY, Roger L.
REGISTRATION NUMBER: 25,618
REFERENCE/DOCKET NUMBER: WALLACH=14
TELECOMMUNICATION INFORMATION:
TELEPHONE: 202-628-5197
TELEFAX: 202-737-3528
INFORMATION FOR SEQ ID NO: 8:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: CDNA
US-08-737-371A-8

Query Match 30.0%; Score 3; DB 2; Length 15;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 8 YYY 10
|||
DB 1 YYY 3

RESULT 190

US-08-737-371A-8/c
Sequence 8, Application US/08737371A
Patent No. 5959094
GENERAL INFORMATION:

APPLICANT: David WALLACH
APPLICANT: Peter KUHNERT
APPLICANT: Gotz EHRHARDT
APPLICANT: Oliver KEMPER
TITLE OF INVENTION: p75 TNF RECEPTOR PROMOTERS
NUMBER OF SEQUENCES: 24
CORRESPONDENCE ADDRESS:
ADDRESSEE: BROWDY AND NEIMARK
STREET: 419 Seventh Street, N.W., Suite 300
CITY: Washington
STATE: D.C.
COUNTRY: USA

ZIP: 20004
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/737,371A
FILING DATE: 08-NOVEMBER-1996
PRIOR APPLICATION DATA:
APPLICATION NUMBER: PCT/US95/05853
FILING DATE: 11-MAY-1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: IL 109,633
FILING DATE: 11-MAY-1994
ATTORNEY/AGENT INFORMATION:
NAME: BROWDY, Roger L.
REGISTRATION NUMBER: 25,618
REFERENCE/DOCKET NUMBER: WALLACH=14
TELECOMMUNICATION INFORMATION:
TELEPHONE: 202-628-5197
TELEFAX: 202-737-3528
INFORMATION FOR SEQ ID NO: 8:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cDNA
US-08-737-371A-8

Query Match 30.0%; Score 3; DB 2; Length 15;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 RRR 3
|||
DB 11 RRR 9

RESULT 191
US-08-256-004-4
; Sequence 4, Application US/08256004
; Patent No. 6001644
; GENERAL INFORMATION:
; APPLICANT: Robert J. Debs
; APPLICANT: Ning Zhu
; TITLE OF INVENTION: IN VIVO TRANSFECTION WITH A CFTR CODING
; TITLE OF INVENTION: SEQUENCE
; NUMBER OF SEQUENCES: 4
; CORRESPONDENCE ADDRESS:
; ADDRESSER: Cooley Godward Castro Huddleson & Tatum
; STREET: 5 Palo Alto Square
; CITY: Palo Alto
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 94306-2155
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/256,004
; FILING DATE: August 22, 1994
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: PCT/US92/11004
; FILING DATE: December 17, 1992
; APPLICATION NUMBER: 07/972,135
; FILING DATE: No. 6001644ember 5, 1992
; APPLICATION NUMBER: 07/927,200
; FILING DATE: August 6, 1992
; APPLICATION NUMBER: 07/894,498
; FILING DATE: June 4, 1992
; APPLICATION NUMBER: 07/809,291
; FILING DATE: December 17, 1991
; ATTORNEY/AGENT INFORMATION:
; NAME: Neeley, Richard L.
; REGISTRATION NUMBER: 30,092
; REFERENCE/DOCKET NUMBER: UCSF-008/0005
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 843-5070
; TELEFAX: (415) 857-0663

APPLICATION NUMBER: 07/894,498
FILING DATE: June 4, 1992
APPLICATION NUMBER: 07/809,291
FILING DATE: December 17, 1991
ATTORNEY/AGENT INFORMATION:
NAME: Neeley, Richard L.
REGISTRATION NUMBER: 30,092
REFERENCE/DOCKET NUMBER: UCSF-008/0005
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 843-5070
TELEFAX: (415) 857-0663
TELEX: 380816COOLEYPA
INFORMATION FOR SEQ ID NO: 4:
SEQUENCE CHARACTERISTICS:
LENGTH: 15
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-256-004-4
Query Match 30.0%; Score 3; DB 3; Length 15;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 8 YYY 10
|||
DB 1 YYY 3
|||
RESULT 192
US-08-256-004-4/c
; Sequence 4, Application US/08256004
; Patent No. 6001644
; GENERAL INFORMATION:
; APPLICANT: Robert J. Debs
; APPLICANT: Ning Zhu
; TITLE OF INVENTION: IN VIVO TRANSFECTION WITH A CFTR CODING
; TITLE OF INVENTION: SEQUENCE
; NUMBER OF SEQUENCES: 4
; CORRESPONDENCE ADDRESS:
; ADDRESSER: Cooley Godward Castro Huddleson & Tatum
; STREET: 5 Palo Alto Square
; CITY: Palo Alto
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 94306-2155
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/256,004
; FILING DATE: August 22, 1994
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: PCT/US92/11004
; FILING DATE: December 17, 1992
; APPLICATION NUMBER: 07/972,135
; FILING DATE: No. 6001644ember 5, 1992
; APPLICATION NUMBER: 07/927,200
; FILING DATE: August 6, 1992
; APPLICATION NUMBER: 07/894,498
; FILING DATE: June 4, 1992
; APPLICATION NUMBER: 07/809,291
; FILING DATE: December 17, 1991
; ATTORNEY/AGENT INFORMATION:
; NAME: Neeley, Richard L.
; REGISTRATION NUMBER: 30,092
; REFERENCE/DOCKET NUMBER: UCSF-008/0005
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 843-5070
; TELEFAX: (415) 857-0663

```
;
;
; TELEX: 380816COOLEYPA
; INFORMATION FOR SEQ ID NO: 4:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
;
; US-08-256-004-4
;
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; Query Match 30.0%; Score 3; DB 3; Length 15;
; Best Local Similarity 100.0%; Pred. No. 0;
; Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
;
; QY 1 RRR 3
; Db 11 RRR 9
;
;
; RESULT 193
; US-09-461-686-3
; Sequence 3, Application US/09461686
; Patent No. 6620795
; GENERAL INFORMATION:
; APPLICANT: Debs, Robert J.
; TITLE OF INVENTION: A Mammalian Transformation Complex
; Comprising a Lipid Carrier and DNA Encoding CFTR
;
; NUMBER OF SEQUENCES: 12
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Townsend and Townsend and Crew LLP
; STREET: Two Embarcadero Center, Eighth Floor
; CITY: San Francisco
; STATE: California
; COUNTRY: USA
; ZIP: 94111-3834
;
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/461,686
; FILING DATE: 14-Dec-1999
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/256,004
; FILING DATE: 22-AUG-1994
; ATTORNEY/AGENT INFORMATION:
; NAME: Mycroft, Frank J.
; REGISTRATION NUMBER: 46,946
; REFERENCE/DOCKET NUMBER: 023070-064710US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 576-0200
; TELEFAX: (415) 576-0300
; INFORMATION FOR SEQ ID NO: 3:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
; SEQUENCE DESCRIPTION: SEQ ID NO: 3:
;
; US-09-461-686-3
;
; Query Match 30.0%; Score 3; DB 3; Length 15;
; Best Local Similarity 100.0%; Pred. No. 0;
; Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
;
; QY 1 RRR 3
; Db 10 RRR 8
;
;
; RESULT 195
; US-09-586-216C-5
; Sequence 5, Application US/09586216C
; Patent No. 6696272
; GENERAL INFORMATION:
; APPLICANT: MAHURAN, Don J.
; APPLICANT: CLARKE, Joe T.R.
; APPLICANT: CALAHAN, John W.
; TITLE OF INVENTION: PRODUCTS AND METHODS FOR GAUCHER DISEASE THERAPY
; FILE REFERENCE: 24,131 USA
; CURRENT APPLICATION NUMBER: US/09/586,216C
; CURRENT FILING DATE: 2000-06-02
; PRIOR APPLICATION NUMBER: 60/137,598
; PRIOR FILING DATE: 1999-06-03
; PRIOR APPLICATION NUMBER: 2,272,055
; PRIOR FILING DATE: 1999-06-02
; NUMBER OF SEQ ID NOS: 19
; SOFTWARE: PatentIn Ver. 2.1
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; SEQ ID NO 5
; LENGTH: 15
; TYPE: RNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: misc difference
; LOCATION: Y=1-10; n=11
; OTHER INFORMATION: Y=c or u; n=any nucleotide
US-09-586-216C-5

Query Match      30.0%; Score 3; DB 3; Length 15;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      8 YYY 10
Db      1 YYY 3

RESULT 196
US-09-586-216C-5/c
; Sequence 5, Application US/09586216C
; Patent No. 6696272
; GENERAL INFORMATION:
; APPLICANT: MAHURAN, Don J.
; APPLICANT: CLARKE, Joe T.R.
; APPLICANT: CALLAHAN, John W.
; TITLE OF INVENTION: PRODUCTS AND METHODS FOR GAUCHER DISEASE THERAPY
; FILE REFERENCE: 24,131 USA
; CURRENT APPLICATION NUMBER: US/09/586,216C
; PRIOR FILING DATE: 2000-06-02
; PRIOR APPLICATION NUMBER: 60/137,598
; PRIOR FILING DATE: 1999-06-03
; PRIOR APPLICATION NUMBER: 2,272,055
; PRIOR FILING DATE: 1999-06-02
; NUMBER OF SEQ ID NOS: 19
; SOFTWARE: Patentin Ver. 2.1
; SEQ ID NO 5
; LENGTH: 15
; TYPE: RNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: misc difference
; LOCATION: Y=1-10; n=11
; OTHER INFORMATION: Y=c or u; n=any nucleotide
US-09-586-216C-5

Query Match      30.0%; Score 3; DB 3; Length 15;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1 RRR 3
Db      10 RRR 8

RESULT 197
PCT-US95-05853-8
; Sequence 8, Application PC/TUS9505853
; GENERAL INFORMATION:
; APPLICANT:
; TITLE OF INVENTION: p75 TNF RECEPTOR PROMOTERS
; NUMBER OF SEQUENCES: 23
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: BROWDY AND NEIMARK
; STREET: 419 Seventh Street, N.W., Suite 300
; CITY: Washington
; STATE: D.C.
; COUNTRY: USA
; ZIP: 20004
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: IBM PC compatible
; SOFTWARE: Patentin Release #1.0, Version #1.30 (EPO)
; CURRENT APPLICATION NUMBER: PCT/US95/05853
; FILING DATE: 11-MAY-1995
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: IL 109,633
; FILING DATE: 11-MAY-1994
; ATTORNEY/AGENT INFORMATION:
; NAME: BROWDY, ROGER L.
; REGISTRATION NUMBER: 25,618
; REFERENCE/DOCKET NUMBER: WALLACH=14 PCT
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 202-628-5197
; TELEFAX: 202-737-3528
; TELEX: 248633
; INFORMATION FOR SEQ ID NO: 8:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; COMPUTER: IBM PC compatible
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```
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.30 (EPO)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: PCT/US95/05853
; FILING DATE: 11-MAY-1995
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: IL 109,633
; FILING DATE: 11-MAY-1994
; ATTORNEY/AGENT INFORMATION:
; NAME: BROWDY, ROGER L.
; REGISTRATION NUMBER: 25,618
; REFERENCE/DOCKET NUMBER: WALLACH=14 PCT
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 202-628-5197
; TELEFAX: 202-737-3528
; TELEX: 248633
; INFORMATION FOR SEQ ID NO: 8:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
PCT-US95-05853-8

Query Match      30.0%; Score 3; DB 6; Length 15;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      8 YYY 10
Db      1 YYY 3

RESULT 198
PCT-US95-05853-8/c
; Sequence 8, Application PC/TUS9505853
; GENERAL INFORMATION:
; APPLICANT:
; TITLE OF INVENTION: p75 TNF RECEPTOR PROMOTERS
; NUMBER OF SEQUENCES: 23
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: BROWDY AND NEIMARK
; STREET: 419 Seventh Street, N.W., Suite 300
; CITY: Washington
; STATE: D.C.
; COUNTRY: USA
; ZIP: 20004
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: IBM PC compatible
; SOFTWARE: Patentin Release #1.0, Version #1.30 (EPO)
; CURRENT APPLICATION NUMBER: PCT/US95/05853
; FILING DATE: 11-MAY-1995
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: IL 109,633
; FILING DATE: 11-MAY-1994
; ATTORNEY/AGENT INFORMATION:
; NAME: BROWDY, ROGER L.
; REGISTRATION NUMBER: 25,618
; REFERENCE/DOCKET NUMBER: WALLACH=14 PCT
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 202-628-5197
; TELEFAX: 202-737-3528
; TELEX: 248633
; INFORMATION FOR SEQ ID NO: 8:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
```

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; MOLECULE TYPE: cDNA
PCT-US95-05853-8

Query Match      30.0%; Score 3; DB 6; Length 15;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      1 RRR 3
      |||
Db      11 RRR 9

RESULT 199
US-08-486-421-32
; Sequence 32, Application US/08486421
; Patent No. 5672479
; GENERAL INFORMATION:
; APPLICANT: Johnson, Edward M.
; APPLICANT: Bergemann, Andrew D.
; TITLE OF INVENTION: CLONING AND EXPRESSION OF PUR PROTEIN
; NUMBER OF SEQUENCES: 51
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Pennie & Edmonds
; STREET: 1155 Avenue of the Americas
; CITY: New York
; STATE: New York
; COUNTRY: U.S.A.
; ZIP: 10036-2711
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/486,421
; FILING DATE: 07-JUN-1995
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/470,911
; FILING DATE: 06-JUN-1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Coruzzi, Laura A.
; REGISTRATION NUMBER: 30,742
; REFERENCE/DOCKET NUMBER: 6923-053
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (212) 790-9090
; TELEFAX: (212) 869-9741/8864
; TELEX: 66141 PENNIE
; INFORMATION FOR SEQ ID NO: 32:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 16 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: unknown
; MOLECULE TYPE: DNA (genomic)
US-08-486-421-32

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; Patent No. 5672479
; GENERAL INFORMATION:
; APPLICANT: Johnson, Edward M.
; APPLICANT: Bergemann, Andrew D.
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; TITLE OF INVENTION: CLONING AND EXPRESSION OF PUR PROTEIN
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; ADDRESSEE: Pennie & Edmonds
; STREET: 1155 Avenue of the Americas
; CITY: New York
; STATE: New York
; COUNTRY: U.S.A.
; ZIP: 10036-2711
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
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; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/486,421
; FILING DATE: 07-JUN-1995
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/470,911
; FILING DATE: 06-JUN-1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Coruzzi, Laura A.
; REGISTRATION NUMBER: 30,742
; REFERENCE/DOCKET NUMBER: 6923-053
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (212) 790-9090
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; TYPE: nucleic acid
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Searched: 9793542 seqs, 4134689005 residues

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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

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c 268	3	30.0	20	5	US-10-243-501-4	Sequence 4, Appl	341	3	30.0	22	7	US-10-666-022-113	Sequence 113, Appl
c 269	3	30.0	20	6	US-10-273-051-19	Sequence 19, Appl	c 342	3	30.0	22	7	US-10-666-022-123	Sequence 123, Appl
c 270	3	30.0	20	6	US-10-273-051-19	Sequence 19, Appl	343	3	30.0	22	9	US-10-870-110-1	Sequence 1, Appl
c 271	3	30.0	20	6	US-10-273-051-19	Sequence 19, Appl	c 344	3	30.0	22	9	US-10-870-110-1	Sequence 1, Appl
c 272	3	30.0	20	6	US-10-404-300A-30	Sequence 30, Appl	345	3	30.0	23	3	US-09-971-309-48	Sequence 48, Appl
c 273	3	30.0	20	6	US-10-404-300A-30	Sequence 30, Appl	c 346	3	30.0	23	3	US-09-971-309-48	Sequence 48, Appl
c 274	3	30.0	20	6	US-10-129-518-19	Sequence 19, Appl	347	3	30.0	23	3	US-09-468-147-148	Sequence 148, Appl
c 275	3	30.0	20	6	US-10-129-518-19	Sequence 19, Appl	348	3	30.0	23	3	US-09-468-147-148	Sequence 148, Appl
c 276	3	30.0	20	7	US-10-338-110-54	Sequence 54, Appl	c 349	3	30.0	23	3	US-09-468-147-148	Sequence 148, Appl
c 277	3	30.0	20	7	US-10-338-110-54	Sequence 54, Appl	c 350	3	30.0	23	3	US-09-468-147-148	Sequence 148, Appl
c 278	3	30.0	20	7	US-10-666-022-26	Sequence 26, Appl	351	3	30.0	23	6	US-10-258-107-15	Sequence 15, Appl
c 279	3	30.0	20	7	US-10-666-022-26	Sequence 26, Appl	c 352	3	30.0	23	6	US-10-258-107-15	Sequence 15, Appl
c 280	3	30.0	20	7	US-10-666-022-36	Sequence 36, Appl	353	3	30.0	23	6	US-10-319-745-148	Sequence 148, Appl
c 281	3	30.0	20	7	US-10-666-022-36	Sequence 36, Appl	c 354	3	30.0	23	6	US-10-319-745-148	Sequence 148, Appl
c 282	3	30.0	20	7	US-10-666-022-46	Sequence 46, Appl	355	3	30.0	23	6	US-10-319-745-148	Sequence 148, Appl
c 283	3	30.0	20	7	US-10-666-022-46	Sequence 46, Appl	c 356	3	30.0	23	6	US-10-319-745-148	Sequence 148, Appl
c 284	3	30.0	20	7	US-10-666-022-101	Sequence 101, Appl	357	3	30.0	23	6	US-10-319-745-148	Sequence 148, Appl
c 285	3	30.0	20	7	US-10-666-022-101	Sequence 101, Appl	c 358	3	30.0	23	7	US-10-362-091-21	Sequence 21, Appl
c 286	3	30.0	20	7	US-10-641-665A-1	Sequence 1, Appl	359	3	30.0	23	7	US-10-362-091-21	Sequence 21, Appl
c 287	3	30.0	20	7	US-10-641-665A-1	Sequence 1, Appl	c 360	3	30.0	23	7	US-10-666-022-29	Sequence 29, Appl
c 288	3	30.0	20	7	US-10-641-665A-3	Sequence 3, Appl	361	3	30.0	23	7	US-10-666-022-29	Sequence 29, Appl
c 289	3	30.0	20	7	US-10-641-665A-3	Sequence 3, Appl	c 362	3	30.0	23	7	US-10-666-022-39	Sequence 39, Appl
c 290	3	30.0	20	7	US-10-729-172-36	Sequence 36, Appl	363	3	30.0	23	7	US-10-666-022-39	Sequence 39, Appl
c 291	3	30.0	20	8	US-10-729-172-36	Sequence 36, Appl	c 364	3	30.0	23	7	US-10-666-022-49	Sequence 49, Appl
c 292	3	30.0	20	8	US-10-482-673-44	Sequence 44, Appl	365	3	30.0	23	7	US-10-666-022-59	Sequence 59, Appl
c 293	3	30.0	20	10	US-11-051-668A-6	Sequence 6, Appl	c 366	3	30.0	23	7	US-10-666-022-59	Sequence 59, Appl
c 294	3	30.0	20	10	US-11-051-668A-6	Sequence 6, Appl	367	3	30.0	23	7	US-10-666-022-69	Sequence 69, Appl
c 295	3	30.0	21	3	US-09-928-267-3	Sequence 3, Appl	c 368	3	30.0	23	7	US-10-666-022-69	Sequence 69, Appl
c 296	3	30.0	21	3	US-09-928-267-3	Sequence 3, Appl	369	3	30.0	23	7	US-10-666-022-79	Sequence 79, Appl
c 297	3	30.0	21	6	US-10-377-133-20	Sequence 20, Appl	c 370	3	30.0	23	7	US-10-666-022-79	Sequence 79, Appl
c 298	3	30.0	21	6	US-10-377-133-20	Sequence 20, Appl	371	3	30.0	23	7	US-10-666-022-79	Sequence 79, Appl
c 299	3	30.0	21	6	US-10-377-133-28	Sequence 28, Appl	c 372	3	30.0	23	7	US-10-666-022-104	Sequence 104, Appl
c 300	3	30.0	21	6	US-10-377-133-28	Sequence 28, Appl	373	3	30.0	23	7	US-10-666-022-104	Sequence 104, Appl
c 301	3	30.0	21	6	US-10-377-133-30	Sequence 30, Appl	c 374	3	30.0	23	7	US-10-666-022-114	Sequence 114, Appl
c 302	3	30.0	21	6	US-10-377-133-30	Sequence 30, Appl	375	3	30.0	23	7	US-10-666-022-114	Sequence 114, Appl
c 303	3	30.0	21	6	US-10-418-182-99	Sequence 99, Appl	c 376	3	30.0	23	7	US-10-666-022-124	Sequence 124, Appl
c 304	3	30.0	21	6	US-10-418-182-99	Sequence 99, Appl	377	3	30.0	23	7	US-10-666-022-134	Sequence 134, Appl
c 305	3	30.0	21	6	US-10-418-182-311	Sequence 311, Appl	c 378	3	30.0	23	7	US-10-666-022-134	Sequence 134, Appl
c 306	3	30.0	21	6	US-10-418-182-311	Sequence 311, Appl	379	3	30.0	23	7	US-10-666-022-134	Sequence 134, Appl
c 307	3	30.0	21	7	US-10-407-897-48	Sequence 48, Appl	c 380	3	30.0	23	7	US-10-637-544-11	Sequence 11, Appl
c 308	3	30.0	21	7	US-10-407-897-48	Sequence 48, Appl	381	3	30.0	23	8	US-10-819-275-11	Sequence 11, Appl
c 309	3	30.0	21	7	US-10-666-022-27	Sequence 27, Appl	c 382	3	30.0	23	8	US-10-819-275-11	Sequence 11, Appl
c 310	3	30.0	21	7	US-10-666-022-27	Sequence 27, Appl	383	3	30.0	24	3	US-09-785-632A-82	Sequence 82, Appl
c 311	3	30.0	21	7	US-10-666-022-37	Sequence 37, Appl	c 384	3	30.0	24	3	US-09-785-632A-82	Sequence 82, Appl
c 312	3	30.0	21	7	US-10-666-022-37	Sequence 37, Appl	385	3	30.0	24	6	US-10-278-087A-15	Sequence 15, Appl
c 313	3	30.0	21	7	US-10-666-022-47	Sequence 47, Appl	c 386	3	30.0	24	6	US-10-278-087A-15	Sequence 15, Appl
c 314	3	30.0	21	7	US-10-666-022-47	Sequence 47, Appl	387	3	30.0	24	6	US-10-080-263C-7	Sequence 7, Appl
c 315	3	30.0	21	7	US-10-666-022-57	Sequence 57, Appl	c 388	3	30.0	24	6	US-10-080-263C-7	Sequence 7, Appl

C 389	3	30.0	24	6	US-10-223-765-82	Sequence 82, Appl	C 462	3	30.0	26	7	US-10-666-022-42	Sequence 42, Appl
C 390	3	30.0	24	6	US-10-223-765-82	Sequence 82, Appl	463	3	30.0	26	7	US-10-666-022-52	Sequence 52, Appl
C 391	3	30.0	24	7	US-10-666-022-30	Sequence 30, Appl	C 464	3	30.0	26	7	US-10-666-022-52	Sequence 52, Appl
C 392	3	30.0	24	7	US-10-666-022-30	Sequence 30, Appl	C 465	3	30.0	26	7	US-10-666-022-62	Sequence 62, Appl
C 393	3	30.0	24	7	US-10-666-022-40	Sequence 40, Appl	C 466	3	30.0	26	7	US-10-666-022-62	Sequence 62, Appl
C 394	3	30.0	24	7	US-10-666-022-40	Sequence 40, Appl	C 467	3	30.0	26	7	US-10-666-022-72	Sequence 72, Appl
C 395	3	30.0	24	7	US-10-666-022-50	Sequence 50, Appl	C 468	3	30.0	26	7	US-10-666-022-72	Sequence 72, Appl
C 396	3	30.0	24	7	US-10-666-022-50	Sequence 50, Appl	C 469	3	30.0	26	7	US-10-666-022-82	Sequence 82, Appl
C 397	3	30.0	24	7	US-10-666-022-60	Sequence 60, Appl	C 470	3	30.0	26	7	US-10-666-022-82	Sequence 82, Appl
C 398	3	30.0	24	7	US-10-666-022-60	Sequence 60, Appl	C 471	3	30.0	26	7	US-10-666-022-92	Sequence 92, Appl
C 399	3	30.0	24	7	US-10-666-022-70	Sequence 70, Appl	C 472	3	30.0	26	7	US-10-666-022-92	Sequence 92, Appl
C 400	3	30.0	24	7	US-10-666-022-70	Sequence 70, Appl	C 473	3	30.0	26	7	US-10-666-022-107	Sequence 107, App
C 401	3	30.0	24	7	US-10-666-022-80	Sequence 80, Appl	C 474	3	30.0	26	7	US-10-666-022-107	Sequence 107, App
C 402	3	30.0	24	7	US-10-666-022-80	Sequence 80, Appl	C 475	3	30.0	26	7	US-10-666-022-117	Sequence 117, App
C 403	3	30.0	24	7	US-10-666-022-90	Sequence 90, Appl	C 476	3	30.0	26	7	US-10-666-022-117	Sequence 117, App
C 404	3	30.0	24	7	US-10-666-022-90	Sequence 90, Appl	C 477	3	30.0	26	7	US-10-666-022-127	Sequence 127, App
C 405	3	30.0	24	7	US-10-666-022-105	Sequence 105, App	C 478	3	30.0	26	7	US-10-666-022-127	Sequence 127, App
C 406	3	30.0	24	7	US-10-666-022-105	Sequence 105, App	C 479	3	30.0	26	7	US-10-666-022-137	Sequence 137, App
C 407	3	30.0	24	7	US-10-666-022-115	Sequence 115, App	C 480	3	30.0	26	7	US-10-666-022-137	Sequence 137, App
C 408	3	30.0	24	7	US-10-666-022-115	Sequence 115, App	C 481	3	30.0	26	7	US-10-666-022-147	Sequence 147, App
C 409	3	30.0	24	7	US-10-666-022-125	Sequence 125, App	C 482	3	30.0	26	7	US-10-666-022-147	Sequence 147, App
C 410	3	30.0	24	7	US-10-666-022-125	Sequence 125, App	C 483	3	30.0	26	7	US-10-666-022-157	Sequence 157, App
C 411	3	30.0	24	7	US-10-666-022-135	Sequence 135, App	C 484	3	30.0	26	7	US-10-666-022-157	Sequence 157, App
C 412	3	30.0	24	7	US-10-666-022-135	Sequence 135, App	C 485	3	30.0	26	7	US-10-666-022-167	Sequence 167, App
C 413	3	30.0	24	7	US-10-666-022-145	Sequence 145, App	C 486	3	30.0	26	7	US-10-666-022-167	Sequence 167, App
C 414	3	30.0	24	7	US-10-666-022-145	Sequence 145, App	C 487	3	30.0	26	8	US-10-815-480-4	Sequence 4, Appli
C 415	3	30.0	24	8	US-10-770-824-78	Sequence 78, Appl	C 488	3	30.0	26	8	US-10-815-480-4	Sequence 4, Appli
C 416	3	30.0	24	8	US-10-770-824-78	Sequence 78, Appl	C 489	3	30.0	26	9	US-10-722-555-37	Sequence 37, Appl
C 417	3	30.0	25	7	US-10-666-022-31	Sequence 31, Appl	C 490	3	30.0	26	9	US-10-722-555-37	Sequence 37, Appl
C 418	3	30.0	25	7	US-10-666-022-31	Sequence 31, Appl	C 491	3	30.0	27	3	US-09-780-651-7	Sequence 7, Appli
C 419	3	30.0	25	7	US-10-666-022-41	Sequence 41, Appl	C 492	3	30.0	27	3	US-09-780-651-7	Sequence 7, Appli
C 420	3	30.0	25	7	US-10-666-022-41	Sequence 41, Appl	C 493	3	30.0	27	3	US-09-780-651-8	Sequence 8, Appli
C 421	3	30.0	25	7	US-10-666-022-51	Sequence 51, Appl	C 494	3	30.0	27	3	US-09-780-651-8	Sequence 8, Appli
C 422	3	30.0	25	7	US-10-666-022-51	Sequence 51, Appl	C 495	3	30.0	27	5	US-10-001-546-59	Sequence 59, Appl
C 423	3	30.0	25	7	US-10-666-022-61	Sequence 61, Appl	C 496	3	30.0	27	5	US-10-001-546-59	Sequence 59, Appl
C 424	3	30.0	25	7	US-10-666-022-61	Sequence 61, Appl	C 497	3	30.0	27	5	US-10-001-546-60	Sequence 60, Appl
C 425	3	30.0	25	7	US-10-666-022-71	Sequence 71, Appl	C 498	3	30.0	27	5	US-10-001-546-60	Sequence 60, Appl
C 426	3	30.0	25	7	US-10-666-022-71	Sequence 71, Appl	C 499	3	30.0	27	6	US-10-037-986-337	Sequence 337, App
C 427	3	30.0	25	7	US-10-666-022-81	Sequence 81, Appl	C 500	3	30.0	27	6	US-10-037-986-337	Sequence 337, App
C 428	3	30.0	25	7	US-10-666-022-81	Sequence 81, Appl	C 501	3	30.0	27	6	US-10-251-686-4	Sequence 4, Appli
C 429	3	30.0	25	7	US-10-666-022-91	Sequence 91, Appl	C 502	3	30.0	27	6	US-10-251-686-4	Sequence 4, Appli
C 430	3	30.0	25	7	US-10-666-022-91	Sequence 91, Appl	C 503	3	30.0	27	6	US-10-223-666-268	Sequence 268, App
C 431	3	30.0	25	7	US-10-666-022-106	Sequence 106, App	C 504	3	30.0	27	6	US-10-223-666-268	Sequence 268, App
C 432	3	30.0	25	7	US-10-666-022-106	Sequence 106, App	C 505	3	30.0	27	6	US-10-223-666-268	Sequence 268, App
C 433	3	30.0	25	7	US-10-666-022-116	Sequence 116, App	C 506	3	30.0	27	6	US-10-408-085-337	Sequence 337, App
C 434	3	30.0	25	7	US-10-666-022-116	Sequence 116, App	C 507	3	30.0	27	6	US-10-408-085-337	Sequence 337, App
C 435	3	30.0	25	7	US-10-666-022-126	Sequence 126, App	C 508	3	30.0	27	6	US-10-132-067-11	Sequence 11, Appl
C 436	3	30.0	25	7	US-10-666-022-126	Sequence 126, App	C 509	3	30.0	27	6	US-10-132-067-11	Sequence 11, Appl
C 437	3	30.0	25	7	US-10-666-022-136	Sequence 136, App	C 510	3	30.0	27	6	US-10-167-634-3	Sequence 3, Appli
C 438	3	30.0	25	7	US-10-666-022-136	Sequence 136, App	C 511	3	30.0	27	6	US-10-167-634-3	Sequence 3, Appli
C 439	3	30.0	25	7	US-10-666-022-146	Sequence 146, App	C 512	3	30.0	27	6	US-10-418-182-155	Sequence 155, App
C 440	3	30.0	25	7	US-10-666-022-146	Sequence 146, App	C 513	3	30.0	27	6	US-10-418-182-155	Sequence 155, App
C 441	3	30.0	25	7	US-10-666-022-156	Sequence 156, App	C 514	3	30.0	27	6	US-10-418-182-157	Sequence 157, App
C 442	3	30.0	25	7	US-10-666-022-156	Sequence 156, App	C 515	3	30.0	27	6	US-10-418-182-157	Sequence 157, App
C 443	3	30.0	25	9	US-10-275-323A-50	Sequence 50, Appl	C 516	3	30.0	27	6	US-10-418-182-354	Sequence 354, App
C 444	3	30.0	25	9	US-10-275-323A-50	Sequence 50, Appl	C 517	3	30.0	27	6	US-10-418-182-360	Sequence 360, App
C 445	3	30.0	25	9	US-10-275-323A-66	Sequence 66, Appl	C 518	3	30.0	27	6	US-10-418-182-360	Sequence 360, App
C 446	3	30.0	25	9	US-10-275-323A-66	Sequence 66, Appl	C 519	3	30.0	27	7	US-10-418-251-52	Sequence 52, Appl
C 447	3	30.0	26	3	US-09-932-165-1498	Sequence 1498, Ap	C 520	3	30.0	27	7	US-10-418-251-52	Sequence 52, Appl
C 448	3	30.0	26	3	US-09-932-165-1498	Sequence 1498, Ap	C 521	3	30.0	27	7	US-10-725-876-9	Sequence 9, Appli
C 449	3	30.0	26	3	US-09-932-165-1499	Sequence 1499, Ap	C 522	3	30.0	27	7	US-10-725-876-9	Sequence 9, Appli
C 450	3	30.0	26	3	US-09-932-165-1499	Sequence 1499, Ap	C 523	3	30.0	27	7	US-10-725-906-9	Sequence 9, Appli
C 451	3	30.0	26	6	US-10-037-986-343	Sequence 343, App	C 524	3	30.0	27	7	US-10-725-906-9	Sequence 9, Appli
C 452	3	30.0	26	6	US-10-037-986-343	Sequence 343, App	C 525	3	30.0	27	7	US-10-666-022-43	Sequence 43, Appl
C 453	3	30.0	26	6	US-10-223-666-269	Sequence 269, App	C 526	3	30.0	27	7	US-10-666-022-43	Sequence 43, Appl
C 454	3	30.0	26	6	US-10-223-666-269	Sequence 269, App	C 527	3	30.0	27	7	US-10-666-022-53	Sequence 53, Appl
C 455	3	30.0	26	6	US-10-223-666-269	Sequence 269, App	C 528	3	30.0	27	7	US-10-666-022-53	Sequence 53, Appl
C 456	3	30.0	26	6	US-10-408-083-343	Sequence 343, App	C 529	3	30.0	27	7	US-10-666-022-63	Sequence 63, Appl
C 457	3	30.0	26	6	US-10-408-083-343	Sequence 343, App	C 530	3	30.0	27	7	US-10-666-022-63	Sequence 63, Appl
C 458	3	30.0	26	6	US-10-364-839-8	Sequence 8, Appli	C 531	3	30.0	27	7	US-10-666-022-73	Sequence 73, Appl
C 459	3	30.0	26	7	US-10-666-022-32	Sequence 32, Appl	C 532	3	30.0	27	7	US-10-666-022-73	Sequence 73, Appl
C 460	3	30.0	26	7	US-10-666-022-32	Sequence 32, Appl	C 533	3	30.0	27	7	US-10-666-022-83	Sequence 83, Appl
C 461	3	30.0	26	7	US-10-666-022-42	Sequence 42, Appl	C 534	3	30.0	27	7	US-10-666-022-83	Sequence 83, Appl

535	3	30.0	27	7	US-10-666-022-93	Sequence 93, Appl	Sequence 93, Appl	c 608	3	30.0	29	7	US-10-666-022-160	Sequence 160, App
536	3	30.0	27	7	US-10-666-022-93	Sequence 93, Appl	Sequence 93, Appl	609	3	30.0	29	7	US-10-666-022-170	Sequence 170, App
537	3	30.0	27	7	US-10-666-022-108	Sequence 108, Appl	Sequence 108, Appl	610	3	30.0	29	7	US-10-666-022-170	Sequence 170, App
538	3	30.0	27	7	US-10-666-022-108	Sequence 108, Appl	Sequence 108, Appl	611	3	30.0	29	8	US-10-795-667-12	Sequence 12, Appl
539	3	30.0	27	7	US-10-666-022-118	Sequence 118, Appl	Sequence 118, Appl	612	3	30.0	29	8	US-10-795-667-12	Sequence 12, Appl
540	3	30.0	27	7	US-10-666-022-118	Sequence 118, Appl	Sequence 118, Appl	613	3	30.0	29	10	US-11-071-864-2	Sequence 2, Appl
541	3	30.0	27	7	US-10-666-022-128	Sequence 128, Appl	Sequence 128, Appl	614	3	30.0	29	10	US-11-071-864-2	Sequence 2, Appl
542	3	30.0	27	7	US-10-666-022-128	Sequence 128, Appl	Sequence 128, Appl	615	3	30.0	29	10	US-11-094-607-27	Sequence 27, Appl
543	3	30.0	27	7	US-10-666-022-138	Sequence 138, Appl	Sequence 138, Appl	616	3	30.0	29	10	US-11-094-607-27	Sequence 27, Appl
544	3	30.0	27	7	US-10-666-022-138	Sequence 138, Appl	Sequence 138, Appl	617	3	30.0	30	7	US-10-666-022-76	Sequence 76, Appl
545	3	30.0	27	7	US-10-666-022-148	Sequence 148, Appl	Sequence 148, Appl	618	3	30.0	30	7	US-10-666-022-76	Sequence 76, Appl
546	3	30.0	27	7	US-10-666-022-148	Sequence 148, Appl	Sequence 148, Appl	619	3	30.0	30	7	US-10-666-022-86	Sequence 86, Appl
547	3	30.0	27	7	US-10-666-022-158	Sequence 158, Appl	Sequence 158, Appl	620	3	30.0	30	7	US-10-666-022-86	Sequence 86, Appl
548	3	30.0	27	7	US-10-666-022-158	Sequence 158, Appl	Sequence 158, Appl	621	3	30.0	30	7	US-10-666-022-96	Sequence 96, Appl
549	3	30.0	27	7	US-10-666-022-168	Sequence 168, Appl	Sequence 168, Appl	622	3	30.0	30	7	US-10-666-022-96	Sequence 96, Appl
550	3	30.0	27	7	US-10-666-022-168	Sequence 168, Appl	Sequence 168, Appl	623	3	30.0	30	7	US-10-666-022-131	Sequence 131, App
551	3	30.0	28	7	US-10-398-916-4	Sequence 4, Appl	Sequence 4, Appl	624	3	30.0	30	7	US-10-666-022-131	Sequence 131, App
552	3	30.0	28	7	US-10-398-916-4	Sequence 4, Appl	Sequence 4, Appl	625	3	30.0	30	7	US-10-666-022-141	Sequence 141, App
553	3	30.0	28	7	US-10-666-022-54	Sequence 54, Appl	Sequence 54, Appl	626	3	30.0	30	7	US-10-666-022-141	Sequence 141, App
554	3	30.0	28	7	US-10-666-022-54	Sequence 54, Appl	Sequence 54, Appl	627	3	30.0	30	7	US-10-666-022-151	Sequence 151, App
555	3	30.0	28	7	US-10-666-022-64	Sequence 64, Appl	Sequence 64, Appl	628	3	30.0	30	7	US-10-666-022-151	Sequence 151, App
556	3	30.0	28	7	US-10-666-022-64	Sequence 64, Appl	Sequence 64, Appl	629	3	30.0	30	7	US-10-666-022-161	Sequence 161, App
557	3	30.0	28	7	US-10-666-022-74	Sequence 74, Appl	Sequence 74, Appl	630	3	30.0	30	7	US-10-666-022-161	Sequence 161, App
558	3	30.0	28	7	US-10-666-022-74	Sequence 74, Appl	Sequence 74, Appl	631	3	30.0	30	7	US-10-666-022-171	Sequence 171, App
559	3	30.0	28	7	US-10-666-022-84	Sequence 84, Appl	Sequence 84, Appl	632	3	30.0	30	7	US-10-666-022-171	Sequence 171, App
560	3	30.0	28	7	US-10-666-022-84	Sequence 84, Appl	Sequence 84, Appl	633	3	30.0	30	7	US-10-764-235-36	Sequence 36, Appl
561	3	30.0	28	7	US-10-666-022-94	Sequence 94, Appl	Sequence 94, Appl	634	3	30.0	30	7	US-10-764-235-36	Sequence 36, Appl
562	3	30.0	28	7	US-10-666-022-94	Sequence 94, Appl	Sequence 94, Appl	635	3	30.0	30	8	US-10-795-667-13	Sequence 13, Appl
563	3	30.0	28	7	US-10-666-022-109	Sequence 109, App	Sequence 109, App	636	3	30.0	30	8	US-10-795-667-13	Sequence 13, Appl
564	3	30.0	28	7	US-10-666-022-109	Sequence 109, App	Sequence 109, App	637	3	30.0	30	8	US-10-795-667-19	Sequence 19, Appl
565	3	30.0	28	7	US-10-666-022-119	Sequence 119, App	Sequence 119, App	638	3	30.0	30	8	US-10-795-667-19	Sequence 19, Appl
566	3	30.0	28	7	US-10-666-022-119	Sequence 119, App	Sequence 119, App	639	3	30.0	30	8	US-10-795-667-20	Sequence 20, Appl
567	3	30.0	28	7	US-10-666-022-129	Sequence 129, App	Sequence 129, App	640	3	30.0	30	8	US-10-795-667-20	Sequence 20, Appl
568	3	30.0	28	7	US-10-666-022-129	Sequence 129, App	Sequence 129, App	641	3	30.0	30	9	US-10-795-667-20	Sequence 20, Appl
569	3	30.0	28	7	US-10-666-022-139	Sequence 139, App	Sequence 139, App	642	3	30.0	30	9	US-10-687-035-45	Sequence 45, Appl
570	3	30.0	28	7	US-10-666-022-139	Sequence 139, App	Sequence 139, App	643	3	30.0	30	9	US-10-687-035-45	Sequence 45, Appl
571	3	30.0	28	7	US-10-666-022-149	Sequence 149, App	Sequence 149, App	644	3	30.0	30	10	US-11-071-864-3	Sequence 3, Appl
572	3	30.0	28	7	US-10-666-022-149	Sequence 149, App	Sequence 149, App	645	3	30.0	30	10	US-11-071-864-3	Sequence 3, Appl
573	3	30.0	28	7	US-10-666-022-159	Sequence 159, App	Sequence 159, App	646	3	30.0	30	10	US-11-071-864-9	Sequence 9, Appl
574	3	30.0	28	7	US-10-666-022-159	Sequence 159, App	Sequence 159, App	647	3	30.0	30	10	US-11-071-864-9	Sequence 9, Appl
575	3	30.0	28	7	US-10-666-022-169	Sequence 169, App	Sequence 169, App	648	3	30.0	30	10	US-11-071-864-10	Sequence 10, Appl
576	3	30.0	28	7	US-10-666-022-169	Sequence 169, App	Sequence 169, App	649	3	30.0	31	7	US-10-333-578-8	Sequence 8, Appl
577	3	30.0	28	8	US-10-795-667-11	Sequence 11, Appl	Sequence 11, Appl	650	3	30.0	31	7	US-10-333-578-8	Sequence 8, Appl
578	3	30.0	28	8	US-10-795-667-11	Sequence 11, Appl	Sequence 11, Appl	651	3	30.0	31	7	US-10-666-022-87	Sequence 87, Appl
579	3	30.0	28	8	US-10-257-047-53	Sequence 53, Appl	Sequence 53, Appl	652	3	30.0	31	7	US-10-666-022-87	Sequence 87, Appl
580	3	30.0	28	8	US-10-257-047-53	Sequence 53, Appl	Sequence 53, Appl	653	3	30.0	31	7	US-10-666-022-97	Sequence 97, Appl
581	3	30.0	28	9	US-10-505-546-4	Sequence 4, Appl	Sequence 4, Appl	654	3	30.0	31	7	US-10-666-022-97	Sequence 97, Appl
582	3	30.0	28	9	US-10-505-546-4	Sequence 4, Appl	Sequence 4, Appl	655	3	30.0	31	7	US-10-666-022-142	Sequence 142, App
583	3	30.0	28	10	US-11-071-864-1	Sequence 1, Appl	Sequence 1, Appl	656	3	30.0	31	7	US-10-666-022-142	Sequence 142, App
584	3	30.0	28	10	US-11-071-864-1	Sequence 1, Appl	Sequence 1, Appl	657	3	30.0	31	7	US-10-666-022-152	Sequence 152, App
585	3	30.0	29	6	US-10-037-986-342	Sequence 342, App	Sequence 342, App	658	3	30.0	31	7	US-10-666-022-152	Sequence 152, App
586	3	30.0	29	6	US-10-037-986-342	Sequence 342, App	Sequence 342, App	659	3	30.0	31	7	US-10-666-022-162	Sequence 162, App
587	3	30.0	29	6	US-10-408-085-342	Sequence 342, App	Sequence 342, App	660	3	30.0	31	7	US-10-666-022-162	Sequence 162, App
588	3	30.0	29	6	US-10-408-085-342	Sequence 342, App	Sequence 342, App	661	3	30.0	31	7	US-10-666-022-172	Sequence 172, App
589	3	30.0	29	7	US-10-355-238-15	Sequence 15, Appl	Sequence 15, Appl	662	3	30.0	31	7	US-10-666-022-172	Sequence 172, App
590	3	30.0	29	7	US-10-355-238-15	Sequence 15, Appl	Sequence 15, Appl	663	3	30.0	31	8	US-10-795-667-14	Sequence 14, Appl
591	3	30.0	29	7	US-10-666-022-65	Sequence 65, Appl	Sequence 65, Appl	664	3	30.0	31	8	US-10-795-667-14	Sequence 14, Appl
592	3	30.0	29	7	US-10-666-022-65	Sequence 65, Appl	Sequence 65, Appl	665	3	30.0	31	10	US-11-071-864-4	Sequence 4, Appl
593	3	30.0	29	7	US-10-666-022-75	Sequence 75, Appl	Sequence 75, Appl	666	3	30.0	31	10	US-11-071-864-4	Sequence 4, Appl
594	3	30.0	29	7	US-10-666-022-75	Sequence 75, Appl	Sequence 75, Appl	667	3	30.0	32	6	US-10-104-706-2	Sequence 2, Appl
595	3	30.0	29	7	US-10-666-022-85	Sequence 85, Appl	Sequence 85, Appl	668	3	30.0	32	6	US-10-104-706-2	Sequence 2, Appl
596	3	30.0	29	7	US-10-666-022-85	Sequence 85, Appl	Sequence 85, Appl	669	3	30.0	32	7	US-10-299-636-31	Sequence 31, Appl
597	3	30.0	29	7	US-10-666-022-95	Sequence 95, Appl	Sequence 95, Appl	670	3	30.0	32	7	US-10-299-636-31	Sequence 31, Appl
598	3	30.0	29	7	US-10-666-022-95	Sequence 95, Appl	Sequence 95, Appl	671	3	30.0	32	7	US-10-666-022-98	Sequence 98, Appl
599	3	30.0	29	7	US-10-666-022-120	Sequence 120, App	Sequence 120, App	672	3	30.0	32	7	US-10-666-022-98	Sequence 98, Appl
600	3	30.0	29	7	US-10-666-022-120	Sequence 120, App	Sequence 120, App	673	3	30.0	32	7	US-10-666-022-153	Sequence 153, App
601	3	30.0	29	7	US-10-666-022-130	Sequence 130, App	Sequence 130, App	674	3	30.0	32	7	US-10-666-022-153	Sequence 153, App
602	3	30.0	29	7	US-10-666-022-130	Sequence 130, App	Sequence 130, App	675	3	30.0	32	7	US-10-666-022-163	Sequence 163, App
603	3	30.0	29	7	US-10-666-022-140	Sequence 140, App	Sequence 140, App	676	3	30.0	32	7	US-10-666-022-163	Sequence 163, App
604	3	30.0	29	7	US-10-666-022-140	Sequence 140, App	Sequence 140, App	677	3	30.0	32	7	US-10-666-022-173	Sequence 173, App
605	3	30.0	29	7	US-10-666-022-150	Sequence 150, App	Sequence 150, App	678	3	30.0	32	7	US-10-666-022-173	Sequence 173, App
606	3	30.0	29	7	US-10-666-022-150	Sequence 150, App	Sequence 150, App	679	3	30.0	32	8	US-10-795-667-15	Sequence 15, Appl
607	3	30.0	29	7	US-10-666-022-160	Sequence 160, App	Sequence 160, App	680	3	30.0	32	8	US-10-795-667-15	Sequence 15, Appl

681	3	30.0	32	10	US-11-071-864-5	Sequence 5, Appli	c 754	3	30.0	39	3	US-09-854-811-26	Sequence 26, Appl
c 682	3	30.0	32	10	US-11-071-864-5	Sequence 5, Appli	755	3	30.0	39	3	US-09-934-773-26	Sequence 26, Appl
683	3	30.0	33	3	US-09-991-119-11	GENERAL INFORMA	c 756	3	30.0	39	3	US-09-934-773-26	Sequence 26, Appl
c 684	3	30.0	33	3	US-09-991-119-11	GENERAL INFORMA	757	3	30.0	39	3	US-09-963-620-26	Sequence 26, Appl
c 685	3	30.0	33	6	US-10-126-845-36	Sequence 36, Appl	c 758	3	30.0	39	3	US-09-963-620-26	Sequence 26, Appl
c 686	3	30.0	33	6	US-10-126-845-36	Sequence 36, Appl	759	3	30.0	39	3	US-09-855-632-26	Sequence 26, Appl
687	3	30.0	33	7	US-10-666-022-164	Sequence 164, App	c 760	3	30.0	39	3	US-09-855-632-26	Sequence 26, Appl
c 688	3	30.0	33	7	US-10-666-022-164	Sequence 164, App	761	3	30.0	39	3	US-09-855-632-26	Sequence 26, Appl
c 689	3	30.0	33	7	US-10-666-022-174	Sequence 174, App	c 762	3	30.0	39	5	US-10-121-258-59	Sequence 59, Appl
c 690	3	30.0	33	7	US-10-666-022-174	Sequence 174, App	763	3	30.0	39	5	US-10-121-258-59	Sequence 59, Appl
c 691	3	30.0	33	7	US-10-764-235-35	Sequence 35, Appl	c 764	3	30.0	39	5	US-10-225-784-26	Sequence 26, Appl
c 692	3	30.0	33	7	US-10-764-235-35	Sequence 35, Appl	765	3	30.0	39	5	US-10-225-784-26	Sequence 26, Appl
c 693	3	30.0	33	7	US-10-764-235-35	Sequence 35, Appl	c 766	3	30.0	39	6	US-10-224-720-26	Sequence 26, Appl
c 694	3	30.0	33	8	US-10-758-622-11	GENERAL INFORMA	767	3	30.0	39	6	US-10-224-720-26	Sequence 26, Appl
c 695	3	30.0	33	8	US-10-758-622-11	GENERAL INFORMA	c 768	3	30.0	39	6	US-10-225-779-26	Sequence 26, Appl
c 696	3	30.0	33	8	US-10-795-667-16	Sequence 16, Appl	769	3	30.0	39	6	US-10-225-779-26	Sequence 26, Appl
c 697	3	30.0	33	9	US-10-955-656-36	Sequence 36, Appl	c 770	3	30.0	39	6	US-10-374-381-26	Sequence 26, Appl
c 698	3	30.0	33	9	US-10-955-656-36	Sequence 36, Appl	771	3	30.0	39	6	US-10-374-381-26	Sequence 26, Appl
c 699	3	30.0	33	9	US-10-931-260-104	Sequence 104, App	c 772	3	30.0	39	7	US-10-446-542-26	Sequence 26, Appl
c 700	3	30.0	33	9	US-10-931-260-104	Sequence 104, App	773	3	30.0	39	7	US-10-446-542-26	Sequence 26, Appl
c 701	3	30.0	33	10	US-11-071-864-6	Sequence 6, Appli	c 774	3	30.0	39	8	US-10-769-308-20	Sequence 20, Appl
c 702	3	30.0	33	10	US-11-071-864-6	Sequence 6, Appli	775	3	30.0	39	8	US-10-769-308-20	Sequence 20, Appl
c 703	3	30.0	34	3	US-09-784-982-13	Sequence 13, Appl	c 776	3	30.0	39	8	US-10-855-013-3	Sequence 3, Appli
c 704	3	30.0	34	3	US-09-784-982-13	Sequence 13, Appl	777	3	30.0	39	8	US-10-855-013-3	Sequence 3, Appli
c 705	3	30.0	34	6	US-10-211-502-13	Sequence 13, Appl	c 778	3	30.0	39	8	US-10-855-013-19	Sequence 19, Appl
c 706	3	30.0	34	6	US-10-211-502-13	Sequence 13, Appl	779	3	30.0	39	8	US-10-855-013-19	Sequence 19, Appl
c 707	3	30.0	34	7	US-10-666-022-175	Sequence 175, App	c 780	3	30.0	39	8	US-10-855-013-22	Sequence 22, Appl
c 708	3	30.0	34	7	US-10-666-022-175	Sequence 175, App	781	3	30.0	39	8	US-10-855-013-22	Sequence 22, Appl
c 709	3	30.0	34	8	US-10-795-667-17	Sequence 17, Appl	c 782	3	30.0	39	9	US-10-769-074-20	Sequence 20, Appl
c 710	3	30.0	34	8	US-10-795-667-17	Sequence 17, Appl	783	3	30.0	39	9	US-10-769-074-20	Sequence 20, Appl
c 711	3	30.0	34	10	US-11-071-864-7	Sequence 7, Appli	c 784	3	30.0	39	9	US-10-997-735-26	Sequence 26, Appl
c 712	3	30.0	34	10	US-11-071-864-7	Sequence 7, Appli	785	3	30.0	39	9	US-10-997-735-26	Sequence 26, Appl
c 713	3	30.0	35	3	US-09-802-853-9	Sequence 9, Appli	c 786	3	30.0	39	9	US-10-931-304-59	Sequence 59, Appl
c 714	3	30.0	35	3	US-09-802-853-9	Sequence 9, Appli	787	3	30.0	39	9	US-10-931-304-59	Sequence 59, Appl
c 715	3	30.0	35	3	US-09-215-163-8	Sequence 8, Appli	c 788	3	30.0	39	10	US-11-021-950-26	Sequence 26, Appl
c 716	3	30.0	35	3	US-09-215-163-8	Sequence 8, Appli	789	3	30.0	40	8	US-11-021-950-26	Sequence 26, Appl
c 717	3	30.0	35	3	US-09-215-163-32	Sequence 32, Appl	c 790	3	30.0	40	8	US-10-693-057-441	Sequence 441, App
c 718	3	30.0	35	3	US-09-215-163-32	Sequence 32, Appl	791	3	30.0	40	8	US-10-693-057-441	Sequence 441, App
c 719	3	30.0	35	5	US-10-307-385-9	Sequence 9, Appli	c 792	3	30.0	40	8	US-10-693-057-443	Sequence 443, App
c 720	3	30.0	35	5	US-10-307-385-9	Sequence 9, Appli	793	3	30.0	40	8	US-10-693-057-443	Sequence 443, App
c 721	3	30.0	35	6	US-10-280-261-6	Sequence 6, Appli	c 794	3	30.0	40	8	US-10-693-057-444	Sequence 444, App
c 722	3	30.0	35	6	US-10-280-261-6	Sequence 6, Appli	795	3	30.0	40	8	US-10-693-057-444	Sequence 444, App
c 723	3	30.0	35	9	US-10-489-739-7	Sequence 7, Appli	c 796	3	30.0	40	8	US-10-693-057-446	Sequence 446, App
c 724	3	30.0	35	9	US-10-489-739-7	Sequence 7, Appli	797	3	30.0	40	8	US-10-693-057-446	Sequence 446, App
c 725	3	30.0	36	3	US-09-753-436-40	Sequence 40, Appl	c 798	3	30.0	40	8	US-10-693-057-482	Sequence 482, App
c 726	3	30.0	36	3	US-09-753-436-40	Sequence 40, Appl	799	3	30.0	40	8	US-10-693-057-482	Sequence 482, App
c 727	3	30.0	36	6	US-10-126-845-35	Sequence 35, Appl	c 800	3	30.0	40	8	US-10-693-057-484	Sequence 484, App
c 728	3	30.0	36	6	US-10-126-845-35	Sequence 35, Appl	801	3	30.0	40	8	US-10-693-057-484	Sequence 484, App
c 729	3	30.0	36	6	US-10-163-942-40	Sequence 40, Appl	c 802	3	30.0	40	8	US-10-693-057-485	Sequence 485, App
c 730	3	30.0	36	6	US-10-163-942-40	Sequence 40, Appl	803	3	30.0	40	8	US-10-693-057-485	Sequence 485, App
c 731	3	30.0	36	6	US-10-418-182-87	Sequence 87, Appl	c 804	3	30.0	40	8	US-10-693-057-487	Sequence 487, App
c 732	3	30.0	36	6	US-10-418-182-87	Sequence 87, Appl	805	3	30.0	40	8	US-10-693-057-487	Sequence 487, App
c 733	3	30.0	36	6	US-10-418-182-400	Sequence 400, App	c 806	3	30.0	40	8	US-10-693-056-441	Sequence 441, App
c 734	3	30.0	36	6	US-10-418-182-400	Sequence 400, App	807	3	30.0	40	8	US-10-693-056-441	Sequence 441, App
c 735	3	30.0	36	8	US-10-745-115-40	Sequence 40, Appl	c 808	3	30.0	40	8	US-10-693-056-443	Sequence 443, App
c 736	3	30.0	36	8	US-10-745-115-40	Sequence 40, Appl	809	3	30.0	40	8	US-10-693-056-443	Sequence 443, App
c 737	3	30.0	36	9	US-10-669-162C-8	Sequence 8, Appli	c 810	3	30.0	40	8	US-10-693-056-444	Sequence 444, App
c 738	3	30.0	36	9	US-10-669-162C-8	Sequence 8, Appli	811	3	30.0	40	8	US-10-693-056-444	Sequence 444, App
c 739	3	30.0	36	9	US-10-955-656-35	Sequence 35, Appl	c 812	3	30.0	40	8	US-10-693-056-446	Sequence 446, App
c 740	3	30.0	36	9	US-10-955-656-35	Sequence 35, Appl	813	3	30.0	40	8	US-10-693-056-446	Sequence 446, App
c 741	3	30.0	38	5	US-10-209-507-13	Sequence 13, Appl	c 814	3	30.0	40	8	US-10-693-056-482	Sequence 482, App
c 742	3	30.0	38	5	US-10-209-507-13	Sequence 13, Appl	815	3	30.0	40	8	US-10-693-056-482	Sequence 482, App
c 743	3	30.0	38	6	US-10-280-261-15	Sequence 15, Appl	c 816	3	30.0	40	8	US-10-693-056-484	Sequence 484, App
c 744	3	30.0	38	6	US-10-280-261-15	Sequence 15, Appl	817	3	30.0	40	8	US-10-693-056-484	Sequence 484, App
c 745	3	30.0	38	7	US-10-302-570-8	Sequence 8, Appli	c 818	3	30.0	40	8	US-10-693-056-485	Sequence 485, App
c 746	3	30.0	38	7	US-10-302-570-8	Sequence 8, Appli	819	3	30.0	40	8	US-10-693-056-485	Sequence 485, App
c 747	3	30.0	39	3	US-09-564-329A-26	Sequence 26, Appl	c 820	3	30.0	40	8	US-10-693-056-487	Sequence 487, App
c 748	3	30.0	39	3	US-09-564-329A-26	Sequence 26, Appl	821	3	30.0	40	9	US-10-840-723-441	Sequence 441, App
c 749	3	30.0	39	3	US-09-881-823-26	Sequence 26, Appl	c 822	3	30.0	40	9	US-10-840-723-441	Sequence 441, App
c 750	3	30.0	39	3	US-09-881-823-26	Sequence 26, Appl	823	3	30.0	40	9	US-10-840-723-443	Sequence 443, App
c 751	3	30.0	39	3	US-09-855-153-26	Sequence 26, Appl	c 824	3	30.0	40	9	US-10-840-723-443	Sequence 443, App
c 752	3	30.0	39	3	US-09-855-153-26	Sequence 26, Appl	825	3	30.0	40	9	US-10-840-723-444	Sequence 444, App
c 753	3	30.0	39	3	US-09-854-811-26	Sequence 26, Appl	c 826	3	30.0	40	9	US-10-840-723-444	Sequence 444, App

827	3	30.0	40	9	US-10-840-723-446	Sequence 446, App	c 900	3	30.0	50	9	US-10-840-723-488	Sequence 488, App
c 828	3	30.0	40	9	US-10-840-723-446	Sequence 446, App	901	3	30.0	50	9	US-10-871-602-447	Sequence 447, App
829	3	30.0	40	9	US-10-840-723-482	Sequence 482, App	c 902	3	30.0	50	9	US-10-871-602-447	Sequence 447, App
c 830	3	30.0	40	9	US-10-840-723-482	Sequence 482, App	903	3	30.0	50	9	US-10-871-602-488	Sequence 488, App
831	3	30.0	40	9	US-10-840-723-484	Sequence 484, App	c 904	3	30.0	50	9	US-10-871-602-488	Sequence 488, App
c 832	3	30.0	40	9	US-10-840-723-484	Sequence 484, App	905	3	30.0	50	9	US-10-971-679-447	Sequence 447, App
833	3	30.0	40	9	US-10-840-723-485	Sequence 485, App	c 906	3	30.0	50	9	US-10-971-679-447	Sequence 447, App
c 834	3	30.0	40	9	US-10-840-723-485	Sequence 485, App	907	3	30.0	50	9	US-10-971-679-488	Sequence 488, App
835	3	30.0	40	9	US-10-840-723-487	Sequence 487, App	c 908	3	30.0	50	9	US-10-971-679-488	Sequence 488, App
c 836	3	30.0	40	9	US-10-840-723-487	Sequence 487, App	909	3	30.0	50	6	US-10-418-182-225	Sequence 225, App
837	3	30.0	40	9	US-10-871-602-441	Sequence 441, App	c 910	3	30.0	51	6	US-10-418-182-225	Sequence 225, App
c 838	3	30.0	40	9	US-10-871-602-441	Sequence 441, App	911	3	30.0	51	6	US-10-418-182-229	Sequence 229, App
839	3	30.0	40	9	US-10-871-602-443	Sequence 443, App	c 912	3	30.0	51	6	US-10-418-182-229	Sequence 229, App
c 840	3	30.0	40	9	US-10-871-602-443	Sequence 443, App	913	3	30.0	51	6	US-10-418-182-233	Sequence 233, App
841	3	30.0	40	9	US-10-871-602-444	Sequence 444, App	c 914	3	30.0	51	6	US-10-418-182-233	Sequence 233, App
c 842	3	30.0	40	9	US-10-871-602-444	Sequence 444, App	915	3	30.0	51	6	US-10-418-182-241	Sequence 241, App
843	3	30.0	40	9	US-10-871-602-446	Sequence 446, App	c 916	3	30.0	51	6	US-10-418-182-241	Sequence 241, App
c 844	3	30.0	40	9	US-10-871-602-446	Sequence 446, App	917	3	30.0	51	6	US-10-418-182-253	Sequence 253, App
845	3	30.0	40	9	US-10-871-602-482	Sequence 482, App	c 918	3	30.0	51	6	US-10-418-182-253	Sequence 253, App
c 846	3	30.0	40	9	US-10-871-602-482	Sequence 482, App	919	3	30.0	51	6	US-10-418-182-314	Sequence 314, App
847	3	30.0	40	9	US-10-871-602-484	Sequence 484, App	c 920	3	30.0	51	6	US-10-418-182-314	Sequence 314, App
c 848	3	30.0	40	9	US-10-871-602-484	Sequence 484, App	921	3	30.0	51	6	US-10-418-182-326	Sequence 326, App
849	3	30.0	40	9	US-10-871-602-485	Sequence 485, App	c 922	3	30.0	51	6	US-10-418-182-326	Sequence 326, App
c 850	3	30.0	40	9	US-10-871-602-485	Sequence 485, App	923	3	30.0	51	6	US-10-418-182-338	Sequence 338, App
851	3	30.0	40	9	US-10-871-602-487	Sequence 487, App	c 924	3	30.0	51	6	US-10-418-182-338	Sequence 338, App
c 852	3	30.0	40	9	US-10-871-602-487	Sequence 487, App	925	3	30.0	51	6	US-10-418-182-362	Sequence 362, App
853	3	30.0	40	9	US-10-971-679-441	Sequence 441, App	c 926	3	30.0	51	6	US-10-418-182-362	Sequence 362, App
c 854	3	30.0	40	9	US-10-971-679-441	Sequence 441, App	927	3	30.0	51	6	US-10-418-182-398	Sequence 398, App
855	3	30.0	40	9	US-10-971-679-443	Sequence 443, App	c 928	3	30.0	51	6	US-10-418-182-398	Sequence 398, App
c 856	3	30.0	40	9	US-10-971-679-443	Sequence 443, App	929	3	30.0	54	6	US-10-418-182-267	Sequence 267, App
857	3	30.0	40	9	US-10-971-679-444	Sequence 444, App	c 930	3	30.0	54	6	US-10-418-182-267	Sequence 267, App
c 858	3	30.0	40	9	US-10-971-679-444	Sequence 444, App	931	3	30.0	54	6	US-10-418-182-273	Sequence 273, App
859	3	30.0	40	9	US-10-971-679-446	Sequence 446, App	c 932	3	30.0	54	6	US-10-418-182-273	Sequence 273, App
c 860	3	30.0	40	9	US-10-971-679-446	Sequence 446, App	933	3	30.0	54	6	US-10-418-182-275	Sequence 275, App
861	3	30.0	40	9	US-10-971-679-482	Sequence 482, App	c 934	3	30.0	54	6	US-10-418-182-275	Sequence 275, App
c 862	3	30.0	40	9	US-10-971-679-482	Sequence 482, App	935	3	30.0	54	6	US-10-418-182-277	Sequence 277, App
863	3	30.0	40	9	US-10-971-679-484	Sequence 484, App	c 936	3	30.0	54	6	US-10-418-182-277	Sequence 277, App
c 864	3	30.0	40	9	US-10-971-679-484	Sequence 484, App	937	3	30.0	54	6	US-10-418-182-283	Sequence 283, App
865	3	30.0	40	9	US-10-971-679-485	Sequence 485, App	c 938	3	30.0	54	6	US-10-418-182-283	Sequence 283, App
c 866	3	30.0	40	9	US-10-971-679-485	Sequence 485, App	939	3	30.0	54	6	US-10-418-182-315	Sequence 315, App
867	3	30.0	40	9	US-10-971-679-487	Sequence 487, App	c 940	3	30.0	54	6	US-10-418-182-315	Sequence 315, App
c 868	3	30.0	40	9	US-10-971-679-487	Sequence 487, App	941	3	30.0	54	6	US-10-418-182-333	Sequence 333, App
869	3	30.0	41	7	US-10-035-833A-5145	Sequence 5145, Ap	c 942	3	30.0	54	6	US-10-418-182-333	Sequence 333, App
c 870	3	30.0	41	7	US-10-035-833A-5145	Sequence 5145, Ap	943	3	30.0	54	6	US-10-418-182-339	Sequence 339, App
871	3	30.0	41	7	US-10-035-833A-5146	Sequence 5146, Ap	c 944	3	30.0	54	6	US-10-418-182-339	Sequence 339, App
c 872	3	30.0	41	7	US-10-035-833A-5146	Sequence 5146, Ap	945	3	30.0	54	6	US-10-418-182-345	Sequence 345, App
873	3	30.0	42	2	US-08-934-000-23	Sequence 23, Appl	c 946	3	30.0	54	6	US-10-418-182-345	Sequence 345, App
c 874	3	30.0	42	2	US-08-934-000-23	Sequence 23, Appl	947	3	30.0	54	6	US-10-418-182-363	Sequence 363, App
875	3	30.0	42	3	US-09-977-283A-23	Sequence 23, Appl	c 948	3	30.0	54	6	US-10-418-182-363	Sequence 363, App
c 876	3	30.0	42	3	US-09-977-283A-23	Sequence 23, Appl	949	3	30.0	56	8	US-10-693-057-448	Sequence 448, App
877	3	30.0	45	6	US-10-205-911-6	Sequence 6, Appli	c 950	3	30.0	56	8	US-10-693-057-448	Sequence 448, App
c 878	3	30.0	45	6	US-10-205-911-6	Sequence 6, Appli	951	3	30.0	56	8	US-10-693-057-459	Sequence 459, App
879	3	30.0	45	6	US-10-205-911-7	Sequence 7, Appli	c 952	3	30.0	56	8	US-10-693-057-459	Sequence 459, App
c 880	3	30.0	45	6	US-10-205-911-7	Sequence 7, Appli	953	3	30.0	56	8	US-10-693-057-489	Sequence 489, App
881	3	30.0	45	6	US-10-205-911-11	Sequence 11, Appl	c 954	3	30.0	56	8	US-10-693-057-489	Sequence 489, App
c 882	3	30.0	45	6	US-10-205-911-11	Sequence 11, Appl	955	3	30.0	56	8	US-10-693-057-500	Sequence 500, App
883	3	30.0	45	9	US-10-920-899-1718	Sequence 1718, Ap	c 956	3	30.0	56	8	US-10-693-057-500	Sequence 500, App
c 884	3	30.0	45	9	US-10-920-899-1718	Sequence 1718, Ap	957	3	30.0	56	8	US-10-693-056-448	Sequence 448, App
885	3	30.0	47	6	US-10-349-143-3789	Sequence 3789, Ap	c 958	3	30.0	56	8	US-10-693-056-448	Sequence 448, App
c 886	3	30.0	47	6	US-10-349-143-3789	Sequence 3789, Ap	959	3	30.0	56	8	US-10-693-056-459	Sequence 459, App
887	3	30.0	48	6	US-10-394-193-8	Sequence 8, Appli	c 960	3	30.0	56	8	US-10-693-056-459	Sequence 459, App
c 888	3	30.0	48	6	US-10-394-193-8	Sequence 8, Appli	961	3	30.0	56	8	US-10-693-056-489	Sequence 489, App
889	3	30.0	50	8	US-10-693-057-447	Sequence 447, App	c 962	3	30.0	56	8	US-10-693-056-489	Sequence 489, App
c 890	3	30.0	50	8	US-10-693-057-447	Sequence 447, App	963	3	30.0	56	8	US-10-693-056-500	Sequence 500, App
891	3	30.0	50	8	US-10-693-057-488	Sequence 488, App	c 964	3	30.0	56	8	US-10-693-056-500	Sequence 500, App
c 892	3	30.0	50	8	US-10-693-057-488	Sequence 488, App	965	3	30.0	56	9	US-10-840-723-448	Sequence 448, App
893	3	30.0	50	8	US-10-693-056-447	Sequence 447, App	c 966	3	30.0	56	9	US-10-840-723-448	Sequence 448, App
c 894	3	30.0	50	8	US-10-693-056-447	Sequence 447, App	967	3	30.0	56	9	US-10-840-723-459	Sequence 459, App
895	3	30.0	50	8	US-10-693-056-488	Sequence 488, App	c 968	3	30.0	56	9	US-10-840-723-459	Sequence 459, App
c 896	3	30.0	50	8	US-10-693-056-488	Sequence 488, App	969	3	30.0	56	9	US-10-840-723-489	Sequence 489, App
897	3	30.0	50	9	US-10-840-723-447	Sequence 447, App	c 970	3	30.0	56	9	US-10-840-723-489	Sequence 489, App
c 898	3	30.0	50	9	US-10-840-723-447	Sequence 447, App	971	3	30.0	56	9	US-10-840-723-500	Sequence 500, App
899	3	30.0	50	9	US-10-840-723-488	Sequence 488, App	c 972	3	30.0	56	9	US-10-840-723-500	Sequence 500, App

973 3 30.0 56 9 US-10-871-602-448
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993 3 30.0 59 9 US-10-791-373-14
c 994 3 30.0 59 9 US-10-791-373-14
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997 3 30.0 60 8 US-10-149-835C-6
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999 3 30.0 61 3 US-09-849-928-377
c1000 3 30.0 61 3 US-09-849-928-377

ALIGNMENTS

RESULT 1
US-09-813-824A-3
; Sequence 3, Application US/09813824A
; Patent No. US20020164595A1
; GENERAL INFORMATION:
; APPLICANT: Vogelstein, Bert
; Kinzler, Kenneth
; Sherman, Michael
; TITLE OF INVENTION: SEQUENCE SPECIFIC DNA BINDING
; BY P53
; NUMBER OF SEQUENCES: 41
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Banner & Witcoff
; STREET: 1001 G Street, NW
; CITY: Washington
; STATE: DC
; COUNTRY: USA
; ZIP: 20001
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS
; SOFTWARE: FastSEQ for Windows Version 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/813,824A
; FILING DATE: 22-Mar-2001
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 07/860,758
; FILING DATE: 31-MAR-1992
; APPLICATION NUMBER: 07/715,182
; FILING DATE: 14-JUN-1991
; ATTORNEY/AGENT INFORMATION:
; NAME: Kagan, Sarah A
; REGISTRATION NUMBER: 32141
; REFERENCE/DOCKET NUMBER: 01107.47071
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 202-508-9100
; TELEFAX: 202-508-9299
; TELEX: <Unknown>

Sequence 448, App
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Sequence 459, App
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Sequence 500, App
Sequence 14, Appl
Sequence 14, Appl
Sequence 14, Appl
Sequence 14, Appl
Sequence 5, Appl
Sequence 5, Appl
Sequence 6, Appl
Sequence 6, Appl
Sequence 377, App
Sequence 377, App

; INFORMATION FOR SEQ ID NO: 3:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 10 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; SEQUENCE DESCRIPTION: SEQ ID NO: 3:
US-09-813-824A-3

Query Match 100.0%; Score 10; DB 3; Length 10;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 RRCWGWYYY 10
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DB 1 RRCWGWYYY 10

RESULT 2

US-09-813-824A-3/c
; Sequence 3, Application US/09813824A
; Patent No. US20020164595A1
; GENERAL INFORMATION:
; APPLICANT: Vogelstein, Bert
; Kinzler, Kenneth
; Sherman, Michael
; TITLE OF INVENTION: SEQUENCE SPECIFIC DNA BINDING
; BY P53
; NUMBER OF SEQUENCES: 41
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Banner & Witcoff
; STREET: 1001 G Street, NW
; CITY: Washington
; STATE: DC
; COUNTRY: USA
; ZIP: 20001
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS
; SOFTWARE: FastSEQ for Windows Version 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/813,824A
; FILING DATE: 22-Mar-2001
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 07/860,758
; FILING DATE: 31-MAR-1992
; APPLICATION NUMBER: 07/715,182
; FILING DATE: 14-JUN-1991
; ATTORNEY/AGENT INFORMATION:
; NAME: Kagan, Sarah A
; REGISTRATION NUMBER: 32141
; REFERENCE/DOCKET NUMBER: 01107.47071
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 202-508-9100
; TELEFAX: 202-508-9299
; TELEX: <Unknown>
; INFORMATION FOR SEQ ID NO: 3:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 10 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; SEQUENCE DESCRIPTION: SEQ ID NO: 3:
US-09-813-824A-3

Query Match 100.0%; Score 10; DB 3; Length 10;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 RRCWGWYYY 10
| | | | | | | | | |

Db 10 RRCWGWYYY 1

RESULT 3

US-09-928-385B-24
; Sequence 24, Application US/09928385B
; Publication No. US20030049625A1
; GENERAL INFORMATION:
; APPLICANT: Heyduk, Tomasz
; TITLE OF INVENTION: A Rapid and Sensitive Proximity-Based Assay for the Detection
; FILE REFERENCE: 16153-7963
; CURRENT APPLICATION NUMBER: US/09/928,385B
; CURRENT FILING DATE: 2002-01-14
; NUMBER OF SEQ ID NOS: 24
; SEQ ID NO 24
; LENGTH: 10
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY:
; LOCATION:
; OTHER INFORMATION: These sequences were chemically synthesized.
; OTHER INFORMATION: but may also be created via recombinant methods.
US-09-928-385B-24

Query Match 100.0%; Score 10; DB 3; Length 10;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 RRCWGWYYY 10

Db 1 RRCWGWYYY 10

RESULT 4

US-09-928-385B-24/c
; Sequence 24, Application US/09928385B
; Publication No. US20030049625A1
; GENERAL INFORMATION:
; APPLICANT: Heyduk, Tomasz
; TITLE OF INVENTION: A Rapid and Sensitive Proximity-Based Assay for the Detection
; FILE REFERENCE: 16153-7963
; CURRENT APPLICATION NUMBER: US/09/928,385B
; CURRENT FILING DATE: 2002-01-14
; NUMBER OF SEQ ID NOS: 24
; SEQ ID NO 24
; LENGTH: 10
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY:
; LOCATION:
; OTHER INFORMATION: These sequences were chemically synthesized,
; OTHER INFORMATION: but may also be created via recombinant methods.
US-09-928-385B-24

Query Match 100.0%; Score 10; DB 3; Length 10;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 RRCWGWYYY 10

Db 10 RRCWGWYYY 1

RESULT 5

US-09-798-883B-57
; Sequence 57, Application US/09798883B
; Publication No. US20030159159A1
; GENERAL INFORMATION:
; APPLICANT: LINNIK, Matthew

Query Match 100.0%; Score 10; DB 3; Length 10;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

; APPLICANT: RACKE, Margaret
; APPLICANT: KRAKOWSKY, Joan
; APPLICANT: SUBRAMANIAM, Arun
; TITLE OF INVENTION: Human Nerve Growth Factor Exon 1 and Exon 3 Promoters
; FILE REFERENCE: HMR2002C US DIV
; CURRENT APPLICATION NUMBER: US/09/798,883B
; CURRENT FILING DATE: 2001-03-02
; NUMBER OF SEQ ID NOS: 84
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 57
; LENGTH: 10
; TYPE: DNA
; ORGANISM: Artificial
; FEATURE:
; OTHER INFORMATION: Consensus Binding Motif in Human Nerve Growth Factor Exon 1 and 3
; OTHER INFORMATION: Promoter
; FEATURE:
; NAME/KEY: misc feature
; OTHER INFORMATION: r=g or a
; NAME/KEY: misc feature
; OTHER INFORMATION: w=a or t
; FEATURE:
; NAME/KEY: misc feature
; OTHER INFORMATION: y=c or t
US-09-798-883B-57

Query Match 100.0%; Score 10; DB 3; Length 10;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 RRCWGWYYY 10

Db 1 RRCWGWYYY 10

RESULT 6

US-09-798-883B-57/c
; Sequence 57, Application US/09798883B
; Publication No. US20030159159A1
; GENERAL INFORMATION:
; APPLICANT: LINNIK, Matthew
; APPLICANT: RACKE, Margaret
; APPLICANT: KRAKOWSKY, Joan
; APPLICANT: SUBRAMANIAM, Arun
; TITLE OF INVENTION: Human Nerve Growth Factor Exon 1 and Exon 3 Promoters
; FILE REFERENCE: HMR2002C US DIV
; CURRENT APPLICATION NUMBER: US/09/798,883B
; CURRENT FILING DATE: 2001-03-02
; NUMBER OF SEQ ID NOS: 84
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 57
; LENGTH: 10
; TYPE: DNA
; ORGANISM: Artificial
; FEATURE:
; OTHER INFORMATION: Consensus Binding Motif in Human Nerve Growth Factor Exon 1 and 3
; OTHER INFORMATION: Promoter
; FEATURE:
; NAME/KEY: misc feature
; OTHER INFORMATION: r=g or a
; NAME/KEY: misc feature
; OTHER INFORMATION: w=a or t
; FEATURE:
; NAME/KEY: misc feature
; OTHER INFORMATION: y=c or t
US-09-798-883B-57

Query Match 100.0%; Score 10; DB 3; Length 10;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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Qy 1 RRRCWGYYY 10
Db 10 RRRCWGYYY 1

RESULT 7
US-09-326-885-57
; Sequence 57, Application US/09326885
; Publication No. US20030192065A1
; GENERAL INFORMATION:
; APPLICANT: Linnik, Matthew D
; Racke, Margaret M
; Krakowsky, Joan M
; Subramaniam, Arun
; TITLE OF INVENTION: Human Nerve Growth Factor Exon 1 and
; Exon 3 Promoters
; NUMBER OF SEQUENCES: 84
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Hoechst Marion Roussel, Inc.
; STREET: 2110 East Galbraith Road, P.O. Box 156300
; CITY: Cincinnati
; STATE: Ohio
; COUNTRY: United States of America
; ZIP: 45215-6300
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/326,885
; FILING DATE: 07-Jun-1999
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/09/020,179
; FILING DATE: <Unknown>
; APPLICATION NUMBER: US 60/038,212
; FILING DATE: 06-FEB-1997
; ATTORNEY/AGENT INFORMATION:
; NAME: Payne, T. Helen
; REGISTRATION NUMBER: 36,889
; REFERENCE/DOCKET NUMBER: HMR2002A
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 513 948-7183
; TELEFAX: 513 948-7961/4681
; TELEX: 214320
; INFORMATION FOR SEQ ID NO: 57:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 10 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: double
; TOPOLOGY: unknown
; MOLECULE TYPE: DNA (genomic)
; SEQUENCE DESCRIPTION: SEQ ID NO: 57:
US-09-326-885-57

Query Match 100.0%; Score 10; DB 3; Length 10;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 RRRCWGYYY 10
Db 1 RRRCWGYYY 10

RESULT 8
US-09-326-885-57/c
; Sequence 57, Application US/09326885
; Publication No. US20030192065A1
; GENERAL INFORMATION:
; APPLICANT: Linnik, Matthew D
; Racke, Margaret M
; Krakowsky, Joan M
;
```

```
; Subramaniam, Arun
; TITLE OF INVENTION: Human Nerve Growth Factor Exon 1 and
; Exon 3 Promoters
; NUMBER OF SEQUENCES: 84
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Hoechst Marion Roussel, Inc.
; STREET: 2110 East Galbraith Road, P.O. Box 156300
; CITY: Cincinnati
; STATE: Ohio
; COUNTRY: United States of America
; ZIP: 45215-6300
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/326,885
; FILING DATE: 07-Jun-1999
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/09/020,179
; FILING DATE: <Unknown>
; APPLICATION NUMBER: US 60/038,212
; FILING DATE: 06-FEB-1997
; ATTORNEY/AGENT INFORMATION:
; NAME: Payne, T. Helen
; REGISTRATION NUMBER: 36,889
; REFERENCE/DOCKET NUMBER: HMR2002A
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 513 948-7183
; TELEFAX: 513 948-7961/4681
; TELEX: 214320
; INFORMATION FOR SEQ ID NO: 57:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 10 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: double
; TOPOLOGY: unknown
; MOLECULE TYPE: DNA (genomic)
; SEQUENCE DESCRIPTION: SEQ ID NO: 57:
US-09-326-885-57

Query Match 100.0%; Score 10; DB 3; Length 10;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 RRRCWGYYY 10
Db 10 RRRCWGYYY 1

RESULT 9
US-10-464-996-5
; Sequence 5, Application US/10464996
; Publication No. US20040101915A1
; GENERAL INFORMATION:
; APPLICANT: Devereaux, Quinn L.
; APPLICANT: Wagner, Klaus W.
; APPLICANT: Hampton, Garret M.
; APPLICANT: IRM LLC
; TITLE OF INVENTION: Diagnosis and Treatment of Chemoresistant Tumors
; FILE REFERENCE: 021288-001220US
; CURRENT APPLICATION NUMBER: US/10/464,996
; CURRENT FILING DATE: 2003-06-18
; PRIOR APPLICATION NUMBER: US 60/390,256
; PRIOR FILING DATE: 2002-06-18
; PRIOR APPLICATION NUMBER: US 60/456,585
; PRIOR FILING DATE: 2003-03-21
; NUMBER OF SEQ ID NOS: 5
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 5
; LENGTH: 10
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; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:p53 consensus
; OTHER INFORMATION: element
US-10-464-996-5

Query Match      100.0%; Score 10; DB 7; Length 10;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 RRRCWGYYY 10
Db 1 RRRCWGYYY 10

RESULT 10
US-10-464-996-5/c
; Sequence 5, Application US/10464996
; Publication No. US20040101915A1
; GENERAL INFORMATION:
; APPLICANT: Deveraux, Quinn L.
; APPLICANT: Wagner, Klaus W.
; APPLICANT: Hampton, Garret M.
; APPLICANT: IRM LLC
; TITLE OF INVENTION: Diagnosis and Treatment of Chemoresistant Tumors
; FILE REFERENCE: 021288-001220US
; CURRENT APPLICATION NUMBER: US/10/464,996
; PRIOR FILING DATE: 2003-06-18
; PRIOR APPLICATION NUMBER: US 60/390,256
; PRIOR FILING DATE: 2002-06-18
; PRIOR APPLICATION NUMBER: US 60/456,585
; PRIOR FILING DATE: 2003-03-21
; NUMBER OF SEQ ID NOS: 5
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 5
; LENGTH: 10
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:p53 consensus
; OTHER INFORMATION: element
US-10-464-996-5

Query Match      100.0%; Score 10; DB 7; Length 10;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 RRRCWGYYY 10
Db 10 RRRCWGYYY 1

RESULT 11
US-10-795-933-21
; Sequence 21, Application US/10795933
; Publication No. US20040259126A1
; GENERAL INFORMATION:
; APPLICANT: Zavada, Jan
; APPLICANT: Pastorekova, Silvia
; APPLICANT: Pastorek, Jaromir
; TITLE OF INVENTION: MN Gene and Protein
; FILE REFERENCE: D-0021-2
; CURRENT APPLICATION NUMBER: US/10/795,933
; PRIOR FILING DATE: 2004-03-08
; PRIOR APPLICATION NUMBER: US/08/260,190
; PRIOR FILING DATE: 1994-06-15
; PRIOR APPLICATION NUMBER: 08/177,093
; PRIOR FILING DATE: 1993-12-30
; PRIOR FILING DATE: 1993-12-30
; PRIOR FILING DATE: 1993-12-30
; PRIOR FILING DATE: 1992-10-21
; PRIOR FILING DATE: 1992-10-21
; PRIOR FILING DATE: 1992-10-21
; PRIOR FILING DATE: 1992-03-11
; NUMBER OF SEQ ID NOS: 26
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 21
; LENGTH: 10
; TYPE: DNA
; ORGANISM: HUMAN
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (1)..(10)
US-10-795-933-21

Query Match      100.0%; Score 10; DB 8; Length 10;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 RRRCWGYYY 10
Db 10 RRRCWGYYY 1

RESULT 12
US-10-795-933-21/c
; Sequence 21, Application US/10795933
; Publication No. US20040259126A1
; GENERAL INFORMATION:
; APPLICANT: Zavada, Jan
; APPLICANT: Pastorekova, Silvia
; APPLICANT: Pastorek, Jaromir
; TITLE OF INVENTION: MN Gene and Protein
; FILE REFERENCE: D-0021-2
; CURRENT APPLICATION NUMBER: US/10/795,933
; CURRENT FILING DATE: 2004-03-08
; PRIOR APPLICATION NUMBER: US/08/260,190
; PRIOR FILING DATE: 1994-06-15
; PRIOR APPLICATION NUMBER: 08/177,093
; PRIOR FILING DATE: 1993-12-30
; PRIOR APPLICATION NUMBER: 07/964,589
; PRIOR FILING DATE: 1992-10-21
; PRIOR APPLICATION NUMBER: PV-709-92
; PRIOR FILING DATE: 1992-03-11
; NUMBER OF SEQ ID NOS: 26
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 21
; LENGTH: 10
; TYPE: DNA
; ORGANISM: HUMAN
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (1)..(10)
US-10-795-933-21

Query Match      100.0%; Score 10; DB 8; Length 10;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 RRRCWGYYY 10
Db 10 RRRCWGYYY 1

RESULT 13
US-10-450-436-26
; Sequence 26, Application US/10450436
; Publication No. US20040077832A1
; GENERAL INFORMATION:
; APPLICANT: Yu, Jian
; APPLICANT: Kinzler, Kenneth
; APPLICANT: Vogelstein, Bert
; TITLE OF INVENTION: JFV1 induces rapid apoptosis
; FILE REFERENCE: 01107.00062
; CURRENT APPLICATION NUMBER: US/10/450,436
; CURRENT FILING DATE: 2003-06-18
; NUMBER OF SEQ ID NOS: 30
```

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; NUMBER OF SEQ ID NOS: 26
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 21
; LENGTH: 10
; TYPE: DNA
; ORGANISM: HUMAN
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (1)..(10)
US-10-795-933-21

Query Match      100.0%; Score 10; DB 8; Length 10;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 RRRCWGYYY 10
Db 1 RRRCWGYYY 10

RESULT 12
US-10-795-933-21/c
; Sequence 21, Application US/10795933
; Publication No. US20040259126A1
; GENERAL INFORMATION:
; APPLICANT: Zavada, Jan
; APPLICANT: Pastorekova, Silvia
; APPLICANT: Pastorek, Jaromir
; TITLE OF INVENTION: MN Gene and Protein
; FILE REFERENCE: D-0021-2
; CURRENT APPLICATION NUMBER: US/10/795,933
; CURRENT FILING DATE: 2004-03-08
; PRIOR APPLICATION NUMBER: US/08/260,190
; PRIOR FILING DATE: 1994-06-15
; PRIOR APPLICATION NUMBER: 08/177,093
; PRIOR FILING DATE: 1993-12-30
; PRIOR APPLICATION NUMBER: 07/964,589
; PRIOR FILING DATE: 1992-10-21
; PRIOR APPLICATION NUMBER: PV-709-92
; PRIOR FILING DATE: 1992-03-11
; NUMBER OF SEQ ID NOS: 26
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 21
; LENGTH: 10
; TYPE: DNA
; ORGANISM: HUMAN
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (1)..(10)
US-10-795-933-21

Query Match      100.0%; Score 10; DB 8; Length 10;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 RRRCWGYYY 10
Db 10 RRRCWGYYY 1

RESULT 13
US-10-450-436-26
; Sequence 26, Application US/10450436
; Publication No. US20040077832A1
; GENERAL INFORMATION:
; APPLICANT: Yu, Jian
; APPLICANT: Kinzler, Kenneth
; APPLICANT: Vogelstein, Bert
; TITLE OF INVENTION: JFV1 induces rapid apoptosis
; FILE REFERENCE: 01107.00062
; CURRENT APPLICATION NUMBER: US/10/450,436
; CURRENT FILING DATE: 2003-06-18
; NUMBER OF SEQ ID NOS: 30
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; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 26
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-450-436-26

Query Match      100.0%; Score 10; DB 7; Length 19;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      1 RRCRCWGYYY 10
Db      10 RRCRCWGYYY 19
|||||

RESULT 14
US-10-450-436-26/c
; Sequence 26, Application US/10450436
; Publication No. US20040077832A1
; GENERAL INFORMATION:
; APPLICANT: Yu, Jian
; APPLICANT: Kinzler, Kenneth
; APPLICANT: Vogelstein, Bert
; TITLE OF INVENTION: JFV1 induces rapid apoptosis
; FILE REFERENCE: 01107.00062
; CURRENT APPLICATION NUMBER: US/10/450,436
; CURRENT FILING DATE: 2003-06-18
; NUMBER OF SEQ ID NOS: 30
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 26
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-450-436-26

Query Match      100.0%; Score 10; DB 7; Length 19;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      1 RRCRCWGYYY 10
Db      19 RRCRCWGYYY 10
|||||

RESULT 15
US-09-939-581A-6
; Sequence 6, Application US/09939581A
; Patent No. US20020102245A1
; GENERAL INFORMATION:
; APPLICANT: Hermeking, Heiko
; APPLICANT: Vogelstein, Bert
; APPLICANT: Kinzler, Kenneth
; TITLE OF INVENTION: 14-3-3 SIGMA ARREST THE CELL CYCLE
; FILE REFERENCE: 1107.77810
; CURRENT APPLICATION NUMBER: US/09/939,581A
; CURRENT FILING DATE: 2001-08-28
; PRIOR APPLICATION NUMBER: 09/210,748
; PRIOR FILING DATE: 1998-12-15
; NUMBER OF SEQ ID NOS: 18
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 6
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-939-581A-6

Query Match      100.0%; Score 10; DB 3; Length 20;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      1 RRCRCWGYYY 10
Db      19 RRCRCWGYYY 10
|||||

RESULT 16
US-09-939-581A-6/c
; Sequence 6, Application US/09939581A
; Patent No. US20020102245A1
; GENERAL INFORMATION:
; APPLICANT: Hermeking, Heiko
; APPLICANT: Vogelstein, Bert
; APPLICANT: Kinzler, Kenneth
; TITLE OF INVENTION: 14-3-3 SIGMA ARREST THE CELL CYCLE
; FILE REFERENCE: 1107.77810
; CURRENT APPLICATION NUMBER: US/09/939,581A
; CURRENT FILING DATE: 2001-08-28
; PRIOR APPLICATION NUMBER: 09/210,748
; PRIOR FILING DATE: 1998-12-15
; NUMBER OF SEQ ID NOS: 18
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 6
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-939-581A-6

Query Match      100.0%; Score 10; DB 3; Length 20;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      1 RRCRCWGYYY 10
Db      20 RRCRCWGYYY 11
|||||

RESULT 17
US-09-816-763-92
; Sequence 92, Application US/09816763
; Patent No. US20020110814A1
; GENERAL INFORMATION:
; APPLICANT: Remacle, Jose
; APPLICANT: Renard, Patricia
; APPLICANT: Art, Muriel
; TITLE OF INVENTION: METHOD AND KIT FOR THE SCREENING, THE
; TITLE OF INVENTION: DETECTION AND/OR THE QUANTIFICATION OF TRANSCRIPTIONAL
; TITLE OF INVENTION: FACTORS
; FILE REFERENCE: VANM212.001AUS
; CURRENT APPLICATION NUMBER: US/09/816,763
; CURRENT FILING DATE: 2001-03-23
; PRIOR APPLICATION NUMBER: EP 00870057.7
; PRIOR FILING DATE: 2000-03-24
; NUMBER OF SEQ ID NOS: 150
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 92
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Consensus sequence for transcriptional factor P53
US-09-816-763-92

Query Match      100.0%; Score 10; DB 3; Length 20;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      1 RRCRCWGYYY 10
Db      1 RRCRCWGYYY 10
|||||

RESULT 18
US-09-816-763-92/c
; Sequence 92, Application US/09816763
; Patent No. US20020110814A1
```

```
/ GENERAL INFORMATION:
/ APPLICANT: Remacle, Jose
/ APPLICANT: Renard, Patricia
/ APPLICANT: Art, Muriel
/ TITLE OF INVENTION: METHOD AND KIT FOR THE SCREENING. THE
/ TITLE OF INVENTION: DETECTION AND/OR THE QUANTIFICATION OF TRANSCRIPTIONAL
/ TITLE OF INVENTION: FACTORS
/ FILE REFERENCE: VANNM212.001AUS
/ CURRENT APPLICATION NUMBER: US/09/816,763
/ CURRENT FILING DATE: 2001-03-23
/ PRIOR APPLICATION NUMBER: EP 00870057.7
/ PRIOR FILING DATE: 2000-03-24
/ NUMBER OF SEQ ID NOS: 150
/ SOFTWARE: FastSeq for Windows Version 4.0
/ SEQ ID NO 92
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Consensus sequence for transcriptional factor P53
US-09-816-763-92

Query Match      100.0%; Score 10; DB 3; Length 20;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1 RRRCWGYYY 10
DB      20 RRRCWGYYY 11

RESULT 19
US-10-821-568-92
/ Sequence 92, Application US/10821568
/ Publication No. US20040185497A1
/ GENERAL INFORMATION:
/ APPLICANT: Remacle, Jose
/ APPLICANT: Renard, Patricia
/ APPLICANT: Art, Muriel
/ TITLE OF INVENTION: METHOD AND KIT FOR THE SCREENING. THE
/ TITLE OF INVENTION: DETECTION AND/OR THE QUANTIFICATION OF TRANSCRIPTIONAL
/ TITLE OF INVENTION: FACTORS
/ FILE REFERENCE: VANNM212.001DVI
/ CURRENT APPLICATION NUMBER: US/10/821,568
/ CURRENT FILING DATE: 2004-04-08
/ PRIOR APPLICATION NUMBER: US 09/816,763
/ PRIOR FILING DATE: 2001-03-23
/ PRIOR APPLICATION NUMBER: EP 00870057.7
/ PRIOR FILING DATE: 2000-03-24
/ NUMBER OF SEQ ID NOS: 150
/ SOFTWARE: FastSeq for Windows Version 4.0
/ SEQ ID NO 92
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Consensus sequence for transcriptional factor P53
US-10-821-568-92

Query Match      100.0%; Score 10; DB 8; Length 20;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1 RRRCWGYYY 10
DB      1 RRRCWGYYY 10

RESULT 20
US-10-821-568-92/c
/ Sequence 92, Application US/10821568
/ Publication No. US20040185497A1
/ GENERAL INFORMATION:
```

```
/ APPLICANT: Remacle, Jose
/ APPLICANT: Renard, Patricia
/ APPLICANT: Art, Muriel
/ TITLE OF INVENTION: METHOD AND KIT FOR THE SCREENING. THE
/ TITLE OF INVENTION: DETECTION AND/OR THE QUANTIFICATION OF TRANSCRIPTIONAL
/ TITLE OF INVENTION: FACTORS
/ FILE REFERENCE: VANNM212.001DVI
/ CURRENT APPLICATION NUMBER: US/10/821,568
/ CURRENT FILING DATE: 2004-04-08
/ PRIOR APPLICATION NUMBER: US 09/816,763
/ PRIOR FILING DATE: 2001-03-23
/ PRIOR APPLICATION NUMBER: EP 00870057.7
/ PRIOR FILING DATE: 2000-03-24
/ NUMBER OF SEQ ID NOS: 150
/ SOFTWARE: FastSeq for Windows Version 4.0
/ SEQ ID NO 92
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Consensus sequence for transcriptional factor P53
US-10-821-568-92

Query Match      100.0%; Score 10; DB 8; Length 20;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1 RRRCWGYYY 10
DB      20 RRRCWGYYY 11

RESULT 21
US-09-816-763-133
/ Sequence 133, Application US/09816763
/ Patent No. US20020110814A1
/ GENERAL INFORMATION:
/ APPLICANT: Remacle, Jose
/ APPLICANT: Renard, Patricia
/ APPLICANT: Art, Muriel
/ TITLE OF INVENTION: METHOD AND KIT FOR THE SCREENING. THE
/ TITLE OF INVENTION: DETECTION AND/OR THE QUANTIFICATION OF TRANSCRIPTIONAL
/ TITLE OF INVENTION: FACTORS
/ FILE REFERENCE: VANNM212.001AUS
/ CURRENT APPLICATION NUMBER: US/09/816,763
/ CURRENT FILING DATE: 2001-03-23
/ PRIOR APPLICATION NUMBER: EP 00870057.7
/ PRIOR FILING DATE: 2000-03-24
/ NUMBER OF SEQ ID NOS: 150
/ SOFTWARE: FastSeq for Windows Version 4.0
/ SEQ ID NO 133
/ LENGTH: 21
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: P53 transcriptional factor consensus sequence
/ NAME/KEY: misc.feature
/ LOCATION: (1)...(21)
/ OTHER INFORMATION: n = A,T,C or G
US-09-816-763-133

Query Match      100.0%; Score 10; DB 3; Length 21;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1 RRRCWGYYY 10
DB      12 RRRCWGYYY 21

RESULT 22
US-09-816-763-133/c
/ Sequence 133, Application US/09816763
```

```
; Patent No. US20020110814A1
; GENERAL INFORMATION:
; APPLICANT: Remacle, Jose
; APPLICANT: Renard, Patricia
; APPLICANT: Art, Muriel
; TITLE OF INVENTION: METHOD AND KIT FOR THE SCREENING, THE
; TITLE OF INVENTION: DETECTION AND/OR THE QUANTIFICATION OF TRANSCRIPTIONAL
; TITLE OF INVENTION: FACTORS
; FILE REFERENCE: VANM212.001AUS
; CURRENT APPLICATION NUMBER: US/09/816,763
; CURRENT FILING DATE: 2001-03-23
; PRIOR APPLICATION NUMBER: EP 00870057.7
; PRIOR FILING DATE: 2000-03-24
; NUMBER OF SEQ ID NOS: 150
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 133
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: P53 transcriptional factor consensus sequence
; NAME/KEY: misc_feature
; LOCATION: (1)...(21)
; OTHER INFORMATION: n = A,T,C or G
US-09-816-763-133

Query Match      100.0%; Score 10; DB 3; Length 21;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      1 RRRCWGYYY 10
      |||||
Db      21 RRRCWGYYY 12

RESULT 23
US-10-821-568-133
; Sequence 133, Application US/10821568
; Publication No. US20040185497A1
; GENERAL INFORMATION:
; APPLICANT: Remacle, Jose
; APPLICANT: Renard, Patricia
; APPLICANT: Art, Muriel
; TITLE OF INVENTION: METHOD AND KIT FOR THE SCREENING, THE
; TITLE OF INVENTION: DETECTION AND/OR THE QUANTIFICATION OF TRANSCRIPTIONAL
; TITLE OF INVENTION: FACTORS
; FILE REFERENCE: VANM212.001DV1
; CURRENT APPLICATION NUMBER: US/10/821,568
; CURRENT FILING DATE: 2004-04-08
; PRIOR APPLICATION NUMBER: US 09/816,763
; PRIOR FILING DATE: 2001-03-23
; PRIOR APPLICATION NUMBER: EP 00870057.7
; PRIOR FILING DATE: 2000-03-24
; NUMBER OF SEQ ID NOS: 150
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 133
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: consensus sequence for transcriptional factor p53
; NAME/KEY: misc_feature
; LOCATION: (1)...(21)
; OTHER INFORMATION: n = A,T,C or G
US-10-821-568-133

Query Match      100.0%; Score 10; DB 8; Length 21;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      1 RRRCWGYYY 10
      |||||
Db      21 RRRCWGYYY 12

RESULT 24
US-10-821-568-133/c
; Sequence 133, Application US/10821568
; Publication No. US20040185497A1
; GENERAL INFORMATION:
; APPLICANT: Remacle, Jose
; APPLICANT: Renard, Patricia
; APPLICANT: Art, Muriel
; TITLE OF INVENTION: METHOD AND KIT FOR THE SCREENING, THE
; TITLE OF INVENTION: DETECTION AND/OR THE QUANTIFICATION OF TRANSCRIPTIONAL
; TITLE OF INVENTION: FACTORS
; FILE REFERENCE: VANM212.001DV1
; CURRENT APPLICATION NUMBER: US/10/821,568
; CURRENT FILING DATE: 2004-04-08
; PRIOR APPLICATION NUMBER: US 09/816,763
; PRIOR FILING DATE: 2001-03-23
; PRIOR APPLICATION NUMBER: EP 00870057.7
; PRIOR FILING DATE: 2000-03-24
; NUMBER OF SEQ ID NOS: 150
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 133
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: P53 transcriptional factor consensus sequence
; NAME/KEY: misc_feature
; LOCATION: (1)...(21)
; OTHER INFORMATION: n = A,T,C or G
US-09-816-763-133

Query Match      100.0%; Score 10; DB 8; Length 21;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      1 RRRCWGYYY 10
      |||||
Db      21 RRRCWGYYY 12

RESULT 25
US-09-816-763-134
; Sequence 134, Application US/09816763
; Patent No. US20020110814A1
; GENERAL INFORMATION:
; APPLICANT: Remacle, Jose
; APPLICANT: Renard, Patricia
; APPLICANT: Art, Muriel
; TITLE OF INVENTION: METHOD AND KIT FOR THE SCREENING, THE
; TITLE OF INVENTION: DETECTION AND/OR THE QUANTIFICATION OF TRANSCRIPTIONAL
; TITLE OF INVENTION: FACTORS
; FILE REFERENCE: VANM212.001AUS
; CURRENT APPLICATION NUMBER: US/09/816,763
; CURRENT FILING DATE: 2001-03-23
; PRIOR APPLICATION NUMBER: EP 00870057.7
; PRIOR FILING DATE: 2000-03-24
; NUMBER OF SEQ ID NOS: 150
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 134
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: P53 transcriptional factor consensus sequence
; NAME/KEY: misc_feature
; LOCATION: (1)...(22)
; OTHER INFORMATION: n = A,T,C or G
US-09-816-763-134

Query Match      100.0%; Score 10; DB 8; Length 21;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      1 RRRCWGYYY 10
      |||||
Db      21 RRRCWGYYY 12
```



```
Query Match      100.0%; Score 10; DB 3; Length 22;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 RRCWGWYYY 10
Db 13 RRCWGWYYY 22

RESULT 26
US-09-816-763-134/c
; Sequence 134, Application US/09816763
; Patent No. US20020110814A1
; GENERAL INFORMATION:
; APPLICANT: Remacle, Jose
; APPLICANT: Renard, Patricia
; APPLICANT: Art. Muriel
; TITLE OF INVENTION: METHOD AND KIT FOR THE SCREENING, THE
; TITLE OF INVENTION: DETECTION AND/OR THE QUANTIFICATION OF TRANSCRIPTIONAL
; TITLE OF INVENTION: FACTORS
; FILE REFERENCE: VANM212.001AUS
; CURRENT APPLICATION NUMBER: US/09/816,763
; PRIOR FILING DATE: 2001-03-23
; PRIOR APPLICATION NUMBER: EP 00870057.7
; PRIOR FILING DATE: 2000-03-24
; NUMBER OF SEQ ID NOS: 150
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 134
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: P53 transcriptional factor consensus sequence
; NAME/KEY: misc feature
; LOCATION: (1)-(22)
; OTHER INFORMATION: n = A,T,C or G
US-09-816-763-134

Query Match      100.0%; Score 10; DB 3; Length 22;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 RRCWGWYYY 10
Db 22 RRCWGWYYY 13

RESULT 27
US-10-821-568-134
; Sequence 134, Application US/10821568
; Publication No. US20040185497A1
; GENERAL INFORMATION:
; APPLICANT: Remacle, Jose
; APPLICANT: Renard, Patricia
; APPLICANT: Art. Muriel
; TITLE OF INVENTION: METHOD AND KIT FOR THE SCREENING, THE
; TITLE OF INVENTION: DETECTION AND/OR THE QUANTIFICATION OF TRANSCRIPTIONAL
; TITLE OF INVENTION: FACTORS
; FILE REFERENCE: VANM212.001DV1
; CURRENT APPLICATION NUMBER: US/10/821,568
; CURRENT FILING DATE: 2004-04-08
; PRIOR APPLICATION NUMBER: US 09/816,763
; PRIOR FILING DATE: 2001-03-23
; PRIOR APPLICATION NUMBER: EP 00870057.7
; PRIOR FILING DATE: 2000-03-24
; NUMBER OF SEQ ID NOS: 150
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 134
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: consensus sequence for transcriptional factor p53
; NAME/KEY: misc feature
; LOCATION: (1)-(22)
; OTHER INFORMATION: n = A,T,C or G
US-10-821-568-134

Query Match      100.0%; Score 10; DB 8; Length 22;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 RRCWGWYYY 10
Db 22 RRCWGWYYY 13

RESULT 28
US-10-821-568-134/c
; Sequence 134, Application US/10821568
; Publication No. US20040185497A1
; GENERAL INFORMATION:
; APPLICANT: Remacle, Jose
; APPLICANT: Renard, Patricia
; APPLICANT: Art. Muriel
; TITLE OF INVENTION: METHOD AND KIT FOR THE SCREENING, THE
; TITLE OF INVENTION: DETECTION AND/OR THE QUANTIFICATION OF TRANSCRIPTIONAL
; TITLE OF INVENTION: FACTORS
; FILE REFERENCE: VANM212.001DV1
; CURRENT APPLICATION NUMBER: US/10/821,568
; CURRENT FILING DATE: 2004-04-08
; PRIOR APPLICATION NUMBER: US 09/816,763
; PRIOR FILING DATE: 2001-03-23
; PRIOR APPLICATION NUMBER: EP 00870057.7
; PRIOR FILING DATE: 2000-03-24
; NUMBER OF SEQ ID NOS: 150
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 134
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: consensus sequence for transcriptional factor p53
; NAME/KEY: misc feature
; LOCATION: (1)-(22)
; OTHER INFORMATION: n = A,T,C or G
US-10-821-568-134

Query Match      100.0%; Score 10; DB 8; Length 22;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 RRCWGWYYY 10
Db 22 RRCWGWYYY 13

RESULT 29
US-09-816-763-135
; Sequence 135, Application US/09816763
; Patent No. US20020110814A1
; GENERAL INFORMATION:
; APPLICANT: Remacle, Jose
; APPLICANT: Renard, Patricia
; APPLICANT: Art. Muriel
; TITLE OF INVENTION: METHOD AND KIT FOR THE SCREENING, THE
; TITLE OF INVENTION: DETECTION AND/OR THE QUANTIFICATION OF TRANSCRIPTIONAL
; TITLE OF INVENTION: FACTORS
; FILE REFERENCE: VANM212.001AUS
; CURRENT APPLICATION NUMBER: US/09/816,763
; CURRENT FILING DATE: 2001-03-23
; PRIOR APPLICATION NUMBER: EP 00870057.7
; PRIOR FILING DATE: 2000-03-24
; NUMBER OF SEQ ID NOS: 150
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 134
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: consensus sequence for transcriptional factor p53
```

```
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 135
; LENGTH: 23
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: P53 transcriptional factor consensus sequence
; NAME/KEY: misc_feature
; LOCATION: (1)...(23)
; OTHER INFORMATION: n = A,T,C or G
US-09-816-763-135

Query Match          100.0%; Score 10; DB 3; Length 23;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 RRRCWGYY 10
Db 14 RRRCWGYY 23

RESULT 30
US-09-816-763-135/c
; Sequence 135, Application US/09816763
; Patent No. US20020110814A1
; GENERAL INFORMATION:
; APPLICANT: Remacle, Jose
; APPLICANT: Renard, Patricia
; APPLICANT: Art, Muriel
; TITLE OF INVENTION: METHOD AND KIT FOR THE SCREENING, THE
; TITLE OF INVENTION: DETECTION AND/OR THE QUANTIFICATION OF TRANSCRIPTIONAL
; TITLE OF INVENTION: FACTORS
; FILE REFERENCE: VANM212.001AUS
; CURRENT APPLICATION NUMBER: US/09/816,763
; CURRENT FILING DATE: 2001-03-23
; PRIOR APPLICATION NUMBER: EP 00870057.7
; PRIOR FILING DATE: 2000-03-24
; NUMBER OF SEQ ID NOS: 150
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 135
; LENGTH: 23
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: P53 transcriptional factor consensus sequence
; NAME/KEY: misc_feature
; LOCATION: (1)...(23)
; OTHER INFORMATION: n = A,T,C or G
US-09-816-763-135

Query Match          100.0%; Score 10; DB 3; Length 23;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 RRRCWGYY 10
Db 23 RRRCWGYY 14

RESULT 31
US-10-821-568-135
; Sequence 135, Application US/10821568
; Publication No. US20040185497A1
; GENERAL INFORMATION:
; APPLICANT: Remacle, Jose
; APPLICANT: Renard, Patricia
; APPLICANT: Art, Muriel
; TITLE OF INVENTION: METHOD AND KIT FOR THE SCREENING, THE
; TITLE OF INVENTION: DETECTION AND/OR THE QUANTIFICATION OF TRANSCRIPTIONAL
; TITLE OF INVENTION: FACTORS
; FILE REFERENCE: VANM212.001DVI
; CURRENT APPLICATION NUMBER: US/10/821,568
; CURRENT FILING DATE: 2004-04-08
; ;
```

```
; PRIOR APPLICATION NUMBER: US 09/816,763
; PRIOR FILING DATE: 2001-03-23
; PRIOR APPLICATION NUMBER: EP 00870057.7
; PRIOR FILING DATE: 2000-03-24
; NUMBER OF SEQ ID NOS: 150
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 135
; LENGTH: 23
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: consensus sequence for transcriptional factor p53
; NAME/KEY: misc_feature
; LOCATION: (1)...(23)
; OTHER INFORMATION: n = A,T,C or G
US-10-821-568-135

Query Match          100.0%; Score 10; DB 8; Length 23;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 RRRCWGYY 10
Db 14 RRRCWGYY 23

RESULT 32
US-10-821-568-135/c
; Sequence 135, Application US/10821568
; Publication No. US20040185497A1
; GENERAL INFORMATION:
; APPLICANT: Remacle, Jose
; APPLICANT: Renard, Patricia
; APPLICANT: Art, Muriel
; TITLE OF INVENTION: METHOD AND KIT FOR THE SCREENING, THE
; TITLE OF INVENTION: DETECTION AND/OR THE QUANTIFICATION OF TRANSCRIPTIONAL
; TITLE OF INVENTION: FACTORS
; FILE REFERENCE: VANM212.001DVI
; CURRENT APPLICATION NUMBER: US/10/821,568
; CURRENT FILING DATE: 2004-04-08
; PRIOR APPLICATION NUMBER: US 09/816,763
; PRIOR FILING DATE: 2001-03-23
; PRIOR APPLICATION NUMBER: EP 00870057.7
; PRIOR FILING DATE: 2000-03-24
; NUMBER OF SEQ ID NOS: 150
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 135
; LENGTH: 23
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: consensus sequence for transcriptional factor p53
; NAME/KEY: misc_feature
; LOCATION: (1)...(23)
; OTHER INFORMATION: n = A,T,C or G
US-10-821-568-135

Query Match          100.0%; Score 10; DB 8; Length 23;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 RRRCWGYY 10
Db 23 RRRCWGYY 14

RESULT 33
US-09-816-763-136
; Sequence 136, Application US/09816763
; Patent No. US20020110814A1
; GENERAL INFORMATION:
```

; APPLICANT: Remacle, Jose
; APPLICANT: Renard, Patricia
; APPLICANT: Art, Muriel
; TITLE OF INVENTION: METHOD AND KIT FOR THE SCREENING, THE
; TITLE OF INVENTION: DETECTION AND/OR THE QUANTIFICATION OF TRANSCRIPTIONAL
; TITLE OF INVENTION: FACTORS
; FILE REFERENCE: VAWM212.001AUS
; CURRENT APPLICATION NUMBER: US/09/816,763
; CURRENT FILING DATE: 2001-03-23
; PRIOR APPLICATION NUMBER: EP 00870057.7
; PRIOR FILING DATE: 2000-03-24
; NUMBER OF SEQ ID NOS: 150
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 136
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: misc.feature
; LOCATION: (1)...(24)
; OTHER INFORMATION: n = A,T,C or G
US-09-816-763-136

Query Match 100.0%; Score 10; DB 3; Length 24;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 RRCWGWYYY 10
DB 15 RRCWGWYYY 24

RESULT 34

US-09-816-763-136/c
; Sequence 136, Application US/09816763
; Patent No. US20020110814A1
; GENERAL INFORMATION:
; APPLICANT: Remacle, Jose
; APPLICANT: Renard, Patricia
; APPLICANT: Art, Muriel
; TITLE OF INVENTION: METHOD AND KIT FOR THE SCREENING, THE
; TITLE OF INVENTION: DETECTION AND/OR THE QUANTIFICATION OF TRANSCRIPTIONAL
; TITLE OF INVENTION: FACTORS
; FILE REFERENCE: VAWM212.001AUS
; CURRENT APPLICATION NUMBER: US/09/816,763
; CURRENT FILING DATE: 2001-03-23
; PRIOR APPLICATION NUMBER: EP 00870057.7
; PRIOR FILING DATE: 2000-03-24
; NUMBER OF SEQ ID NOS: 150
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 136
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: P53 transcriptional factor consensus sequence
; NAME/KEY: misc.feature
; LOCATION: (1)...(24)
; OTHER INFORMATION: n = A,T,C or G
US-09-816-763-136

Query Match 100.0%; Score 10; DB 3; Length 24;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 RRCWGWYYY 10
DB 24 RRCWGWYYY 15

RESULT 35

US-10-821-568-136

; Sequence 136, Application US/10821568
; Publication No. US20040185497A1
; GENERAL INFORMATION:
; APPLICANT: Remacle, Jose
; APPLICANT: Renard, Patricia
; APPLICANT: Art, Muriel
; TITLE OF INVENTION: METHOD AND KIT FOR THE SCREENING, THE
; TITLE OF INVENTION: DETECTION AND/OR THE QUANTIFICATION OF TRANSCRIPTIONAL
; TITLE OF INVENTION: FACTORS
; FILE REFERENCE: VAWM212.001DV1
; CURRENT APPLICATION NUMBER: US/10/821,568
; CURRENT FILING DATE: 2004-04-08
; PRIOR APPLICATION NUMBER: US 09/816,763
; PRIOR FILING DATE: 2001-03-23
; PRIOR APPLICATION NUMBER: EP 00870057.7
; PRIOR FILING DATE: 2000-03-24
; NUMBER OF SEQ ID NOS: 150
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 136
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: consensus sequence for transcriptional factor p53
; NAME/KEY: misc.feature
; LOCATION: (1)...(24)
; OTHER INFORMATION: n = A,T,C or G
US-10-821-568-136

Query Match 100.0%; Score 10; DB 8; Length 24;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 RRCWGWYYY 10
DB 15 RRCWGWYYY 24

RESULT 36

US-10-821-568-136/c
; Sequence 136, Application US/10821568
; Publication No. US20040185497A1
; GENERAL INFORMATION:
; APPLICANT: Remacle, Jose
; APPLICANT: Renard, Patricia
; APPLICANT: Art, Muriel
; TITLE OF INVENTION: METHOD AND KIT FOR THE SCREENING, THE
; TITLE OF INVENTION: DETECTION AND/OR THE QUANTIFICATION OF TRANSCRIPTIONAL
; TITLE OF INVENTION: FACTORS
; FILE REFERENCE: VAWM212.001DV1
; CURRENT APPLICATION NUMBER: US/10/821,568
; CURRENT FILING DATE: 2004-04-08
; PRIOR APPLICATION NUMBER: US 09/816,763
; PRIOR FILING DATE: 2001-03-23
; PRIOR APPLICATION NUMBER: EP 00870057.7
; PRIOR FILING DATE: 2000-03-24
; NUMBER OF SEQ ID NOS: 150
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 136
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: consensus sequence for transcriptional factor p53
; NAME/KEY: misc.feature
; LOCATION: (1)...(24)
; OTHER INFORMATION: n = A,T,C or G
US-10-821-568-136

Query Match 100.0%; Score 10; DB 8; Length 24;
Best Local Similarity 100.0%; Pred. No. 0;

Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 RRCWGWYYY 10
| | | | | | | | | |
Db 24 RRCWGWYYY 15

RESULT 37
US-09-816-763-137
; Sequence 137, Application US/09816763
; Patent No. US20020110814A1
; GENERAL INFORMATION:
; APPLICANT: Remacle, Jose
; APPLICANT: Renard, Patricia
; APPLICANT: Art, Muriel
; TITLE OF INVENTION: METHOD AND KIT FOR THE SCREENING, THE
; TITLE OF INVENTION: DETECTION AND/OR THE QUANTIFICATION OF TRANSCRIPTIONAL
; TITLE OF INVENTION: FACTORS
; FILE REFERENCE: VANM212.001AUS
; CURRENT FILING DATE: 2001-03-23
; PRIOR APPLICATION NUMBER: US/09/816,763
; PRIOR FILING DATE: 2001-03-23
; PRIOR APPLICATION NUMBER: EP 00870057.7
; PRIOR FILING DATE: 2000-03-24
; NUMBER OF SEQ ID NOS: 150
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 137
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: P53 transcriptional factor consensus sequence
; NAME/KEY: misc.feature
; LOCATION: (1)...(25)
; OTHER INFORMATION: n = A,T,C or G
US-09-816-763-137

Query Match 100.0%; Score 10; DB 3; Length 25;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 RRCWGWYYY 10
| | | | | | | | | |
Db 16 RRCWGWYYY 25

RESULT 38
US-09-816-763-137/c
; Sequence 137, Application US/09816763
; Patent No. US20020110814A1
; GENERAL INFORMATION:
; APPLICANT: Remacle, Jose
; APPLICANT: Renard, Patricia
; APPLICANT: Art, Muriel
; TITLE OF INVENTION: METHOD AND KIT FOR THE SCREENING, THE
; TITLE OF INVENTION: DETECTION AND/OR THE QUANTIFICATION OF TRANSCRIPTIONAL
; TITLE OF INVENTION: FACTORS
; FILE REFERENCE: VANM212.001AUS
; CURRENT FILING DATE: US/09/816,763
; CURRENT FILING DATE: 2001-03-23
; PRIOR APPLICATION NUMBER: EP 00870057.7
; PRIOR FILING DATE: 2000-03-24
; NUMBER OF SEQ ID NOS: 150
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 137
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: P53 transcriptional factor consensus sequence
; NAME/KEY: misc.feature
; LOCATION: (1)...(25)
; OTHER INFORMATION: n = A,T,C or G
US-09-816-763-137

Query Match 100.0%; Score 10; DB 3; Length 25;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 RRCWGWYYY 10
| | | | | | | | | |
Db 25 RRCWGWYYY 16

RESULT 39
US-10-821-568-137
; Sequence 137, Application US/10821568
; Publication No. US20040185497A1
; GENERAL INFORMATION:
; APPLICANT: Remacle, Jose
; APPLICANT: Renard, Patricia
; APPLICANT: Art, Muriel
; TITLE OF INVENTION: METHOD AND KIT FOR THE SCREENING, THE
; TITLE OF INVENTION: DETECTION AND/OR THE QUANTIFICATION OF TRANSCRIPTIONAL
; TITLE OF INVENTION: FACTORS
; FILE REFERENCE: VANM212.001DV1
; CURRENT APPLICATION NUMBER: US/10/821,568
; CURRENT FILING DATE: 2004-04-08
; PRIOR APPLICATION NUMBER: US 09/816,763
; PRIOR FILING DATE: 2001-03-23
; PRIOR APPLICATION NUMBER: EP 00870057.7
; PRIOR FILING DATE: 2000-03-24
; NUMBER OF SEQ ID NOS: 150
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 137
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: consensus sequence for transcriptional factor p53
; NAME/KEY: misc.feature
; LOCATION: (1)...(25)
; OTHER INFORMATION: n = A,T,C or G
US-10-821-568-137

Query Match 100.0%; Score 10; DB 8; Length 25;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 RRCWGWYYY 10
| | | | | | | | | |
Db 16 RRCWGWYYY 25

RESULT 40
US-10-821-568-137/c
; Sequence 137, Application US/10821568
; Publication No. US20040185497A1
; GENERAL INFORMATION:
; APPLICANT: Remacle, Jose
; APPLICANT: Renard, Patricia
; APPLICANT: Art, Muriel
; TITLE OF INVENTION: METHOD AND KIT FOR THE SCREENING, THE
; TITLE OF INVENTION: DETECTION AND/OR THE QUANTIFICATION OF TRANSCRIPTIONAL
; TITLE OF INVENTION: FACTORS
; FILE REFERENCE: VANM212.001DV1
; CURRENT APPLICATION NUMBER: US/10/821,568
; CURRENT FILING DATE: 2004-04-08
; PRIOR APPLICATION NUMBER: US 09/816,763
; PRIOR FILING DATE: 2001-03-23
; PRIOR APPLICATION NUMBER: EP 00870057.7
; PRIOR FILING DATE: 2000-03-24
; NUMBER OF SEQ ID NOS: 150
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 137
; LENGTH: 25

```
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: consensus sequence for transcriptional factor p53
/ NAME/KEY: misc feature
/ LOCATION: (1)-(25)
/ OTHER INFORMATION: n = A,T,C or G
US-10-821-568-137

Query Match      100.0%; Score 10; DB 8; Length 25;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 RRCWGWYYY 10
Db 25 RRCWGWYYY 16

RESULT 41
US-09-816-763-138
/ Sequence 138, Application US/09816763
/ Patent No. US20020110814A1
/ GENERAL INFORMATION:
/ APPLICANT: Remacle, Jose
/ APPLICANT: Renard, Patricia
/ APPLICANT: Art, Muriel
/ TITLE OF INVENTION: METHOD AND KIT FOR THE SCREENING, THE
/ TITLE OF INVENTION: DETECTION AND/OR THE QUANTIFICATION OF TRANSCRIPTIONAL
/ FILE REFERENCE: VANW212.001AUS
/ CURRENT APPLICATION NUMBER: US/09/816,763
/ CURRENT FILING DATE: 2001-03-23
/ PRIOR APPLICATION NUMBER: EP 00870057.7
/ PRIOR FILING DATE: 2000-03-24
/ NUMBER OF SEQ ID NOS: 150
/ SOFTWARE: FastSeq for Windows Version 4.0
/ SEQ ID NO 138
/ LENGTH: 26
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: P53 transcriptional factor consensus sequence
/ NAME/KEY: misc feature
/ LOCATION: (1)-(26)
/ OTHER INFORMATION: n = A,T,C or G
US-09-816-763-138

Query Match      100.0%; Score 10; DB 3; Length 26;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 RRCWGWYYY 10
Db 17 RRCWGWYYY 26

RESULT 42
US-09-816-763-138/c
/ Sequence 138, Application US/09816763
/ Patent No. US20020110814A1
/ GENERAL INFORMATION:
/ APPLICANT: Remacle, Jose
/ APPLICANT: Renard, Patricia
/ APPLICANT: Art, Muriel
/ TITLE OF INVENTION: METHOD AND KIT FOR THE SCREENING, THE
/ TITLE OF INVENTION: DETECTION AND/OR THE QUANTIFICATION OF TRANSCRIPTIONAL
/ FILE REFERENCE: VANW212.001AUS
/ CURRENT APPLICATION NUMBER: US/09/816,763
/ CURRENT FILING DATE: 2001-03-23
/ PRIOR APPLICATION NUMBER: EP 00870057.7
/ PRIOR FILING DATE: 2000-03-24
```

```
/ NUMBER OF SEQ ID NOS: 150
/ SOFTWARE: FastSeq for Windows Version 4.0
/ SEQ ID NO 138
/ LENGTH: 26
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: P53 transcriptional factor consensus sequence
/ NAME/KEY: misc feature
/ LOCATION: (1)-(26)
/ OTHER INFORMATION: n = A,T,C or G
US-09-816-763-138

Query Match      100.0%; Score 10; DB 3; Length 26;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 RRCWGWYYY 10
Db 26 RRCWGWYYY 17

RESULT 43
US-10-821-568-138
/ Sequence 138, Application US/10821568
/ Publication No. US20040185497A1
/ GENERAL INFORMATION:
/ APPLICANT: Remacle, Jose
/ APPLICANT: Renard, Patricia
/ APPLICANT: Art, Muriel
/ TITLE OF INVENTION: METHOD AND KIT FOR THE SCREENING, THE
/ TITLE OF INVENTION: DETECTION AND/OR THE QUANTIFICATION OF TRANSCRIPTIONAL
/ FILE REFERENCE: VANW212.001DV1
/ CURRENT APPLICATION NUMBER: US/10/821,568
/ CURRENT FILING DATE: 2004-04-08
/ PRIOR APPLICATION NUMBER: US 09/816,763
/ PRIOR FILING DATE: 2001-03-23
/ PRIOR APPLICATION NUMBER: EP 00870057.7
/ PRIOR FILING DATE: 2000-03-24
/ NUMBER OF SEQ ID NOS: 150
/ SOFTWARE: FastSeq for Windows Version 4.0
/ SEQ ID NO 138
/ LENGTH: 26
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: consensus sequence for transcriptional factor p53
/ NAME/KEY: misc feature
/ LOCATION: (1)-(26)
/ OTHER INFORMATION: n = A,T,C or G
US-10-821-568-138

Query Match      100.0%; Score 10; DB 8; Length 26;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 RRCWGWYYY 10
Db 17 RRCWGWYYY 26

RESULT 44
US-10-821-568-138/c
/ Sequence 138, Application US/10821568
/ Publication No. US20040185497A1
/ GENERAL INFORMATION:
/ APPLICANT: Remacle, Jose
/ APPLICANT: Renard, Patricia
/ APPLICANT: Art, Muriel
/ TITLE OF INVENTION: METHOD AND KIT FOR THE SCREENING, THE
/ TITLE OF INVENTION: DETECTION AND/OR THE QUANTIFICATION OF TRANSCRIPTIONAL
```

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; TITLE OF INVENTION: FACTORS
; FILE REFERENCE: VANM212.001DV1
; CURRENT APPLICATION NUMBER: US/10/821,568
; PRIOR FILING DATE: 2004-04-08
; PRIOR APPLICATION NUMBER: US 09/816,763
; PRIOR FILING DATE: 2001-03-23
; PRIOR APPLICATION NUMBER: EP 00870057.7
; PRIOR FILING DATE: 2000-03-24
; NUMBER OF SEQ ID NOS: 150
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 138
; LENGTH: 26
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: consensus sequence for transcriptional factor p53
; NAME/KEY: misc_feature
; LOCATION: (1)..(26)
; OTHER INFORMATION: n = A,T,C or G
US-10-821-568-138

Query Match          100.0%; Score 10; DB 8; Length 26;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 RRCRCWGGYY 10
Db 26 RRCRCWGGYY 17

RESULT 45
US-09-816-763-139
; Sequence 139, Application US/09816763
; Patent No. US20020110814A1
; GENERAL INFORMATION:
; APPLICANT: Remacle, Jose
; APPLICANT: Renard, Patricia
; APPLICANT: Art, Muriel
; TITLE OF INVENTION: METHOD AND KIT FOR THE SCREENING, THE
; TITLE OF INVENTION: DETECTION AND/OR THE QUANTIFICATION OF TRANSCRIPTIONAL
; TITLE OF INVENTION: FACTORS
; FILE REFERENCE: VANM212.001AUS
; CURRENT APPLICATION NUMBER: US/09/816,763
; CURRENT FILING DATE: 2001-03-23
; PRIOR APPLICATION NUMBER: EP 00870057.7
; PRIOR FILING DATE: 2000-03-24
; NUMBER OF SEQ ID NOS: 150
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 139
; LENGTH: 27
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: P53 transcriptional factor consensus sequence
; NAME/KEY: misc_feature
; LOCATION: (1)..(27)
; OTHER INFORMATION: n = A,T,C or G
US-09-816-763-139

Query Match          100.0%; Score 10; DB 3; Length 27;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 RRCRCWGGYY 10
Db 18 RRCRCWGGYY 27

RESULT 46
US-09-816-763-139/c
; Sequence 139, Application US/09816763
; Patent No. US20020110814A1
```

```
; GENERAL INFORMATION:
; APPLICANT: Remacle, Jose
; APPLICANT: Renard, Patricia
; APPLICANT: Art, Muriel
; TITLE OF INVENTION: METHOD AND KIT FOR THE SCREENING, THE
; TITLE OF INVENTION: DETECTION AND/OR THE QUANTIFICATION OF TRANSCRIPTIONAL
; TITLE OF INVENTION: FACTORS
; FILE REFERENCE: VANM212.001AUS
; CURRENT APPLICATION NUMBER: US/09/816,763
; CURRENT FILING DATE: 2001-03-23
; PRIOR APPLICATION NUMBER: EP 00870057.7
; PRIOR FILING DATE: 2000-03-24
; NUMBER OF SEQ ID NOS: 150
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 139
; LENGTH: 27
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: P53 transcriptional factor consensus sequence
; NAME/KEY: misc_feature
; LOCATION: (1)..(27)
; OTHER INFORMATION: n = A,T,C or G
US-09-816-763-139

Query Match          100.0%; Score 10; DB 3; Length 27;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 RRCRCWGGYY 10
Db 27 RRCRCWGGYY 18

RESULT 47
US-10-821-568-139
; Sequence 139, Application US/10821568
; Publication No. US20040185497A1
; GENERAL INFORMATION:
; APPLICANT: Remacle, Jose
; APPLICANT: Renard, Patricia
; APPLICANT: Art, Muriel
; TITLE OF INVENTION: METHOD AND KIT FOR THE SCREENING, THE
; TITLE OF INVENTION: DETECTION AND/OR THE QUANTIFICATION OF TRANSCRIPTIONAL
; TITLE OF INVENTION: FACTORS
; FILE REFERENCE: VANM212.001DV1
; CURRENT APPLICATION NUMBER: US/10/821,568
; CURRENT FILING DATE: 2004-04-08
; PRIOR APPLICATION NUMBER: US 09/816,763
; PRIOR FILING DATE: 2001-03-23
; PRIOR APPLICATION NUMBER: EP 00870057.7
; PRIOR FILING DATE: 2000-03-24
; NUMBER OF SEQ ID NOS: 150
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 139
; LENGTH: 27
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: consensus sequence for transcriptional factor p53
; NAME/KEY: misc_feature
; LOCATION: (1)..(27)
; OTHER INFORMATION: n = A,T,C or G
US-10-821-568-139

Query Match          100.0%; Score 10; DB 8; Length 27;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 RRCRCWGGYY 10
Db 18 RRCRCWGGYY 27
```

RESULT 48
US-10-821-568-139/c
; Sequence 139, Application US/10821568
; Publication No. US20040185497A1
; GENERAL INFORMATION:
; APPLICANT: Remacle, Jose
; APPLICANT: Renard, Patricia
; APPLICANT: Art, Muriel
; TITLE OF INVENTION: METHOD AND KIT FOR THE SCREENING, THE
; TITLE OF INVENTION: DETECTION AND/OR THE QUANTIFICATION OF TRANSCRIPTIONAL
; TITLE OF INVENTION: FACTORS
; FILE REFERENCE: VANM212.001DV1
; CURRENT APPLICATION NUMBER: US/10/821,568
; CURRENT FILING DATE: 2004-04-08
; PRIOR APPLICATION NUMBER: US 09/816,763
; PRIOR FILING DATE: 2001-03-23
; PRIOR APPLICATION NUMBER: EP 00870057.7
; PRIOR FILING DATE: 2000-03-24
; NUMBER OF SEQ ID NOS: 150
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 139
; LENGTH: 27
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: consensus sequence for transcriptional factor p53
; NAME/KEY: misc feature
; LOCATION: (1)...(27)
; OTHER INFORMATION: n = A,T,C or G
US-10-821-568-139

Query Match 100.0%; Score 10; DB 8; Length 27;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 RRRCWGYYY 10
|||
Db 27 RRRCWGYYY 18

RESULT 49
US-09-816-763-140
; Sequence 140, Application US/09816763
; Patent No. US20020110814A1
; GENERAL INFORMATION:
; APPLICANT: Remacle, Jose
; APPLICANT: Renard, Patricia
; APPLICANT: Art, Muriel
; TITLE OF INVENTION: METHOD AND KIT FOR THE SCREENING, THE
; TITLE OF INVENTION: DETECTION AND/OR THE QUANTIFICATION OF TRANSCRIPTIONAL
; TITLE OF INVENTION: FACTORS
; FILE REFERENCE: VANM212.001AUS
; CURRENT APPLICATION NUMBER: US/09/816,763
; CURRENT FILING DATE: 2001-03-23
; PRIOR APPLICATION NUMBER: EP 00870057.7
; PRIOR FILING DATE: 2000-03-24
; NUMBER OF SEQ ID NOS: 150
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 140
; LENGTH: 28
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: P53 transcriptional factor consensus sequence
; NAME/KEY: misc feature
; LOCATION: (1)...(28)
; OTHER INFORMATION: n = A,T,C or G
US-09-816-763-140

Query Match 100.0%; Score 10; DB 3; Length 28;

Best Local Similarity 100.0%; Pred. No. 0;
Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 RRRCWGYYY 10
|||
Db 19 RRRCWGYYY 28

RESULT 50
US-09-816-763-140/c
; Sequence 140, Application US/09816763
; Patent No. US20020110814A1
; GENERAL INFORMATION:
; APPLICANT: Remacle, Jose
; APPLICANT: Renard, Patricia
; APPLICANT: Art, Muriel
; TITLE OF INVENTION: METHOD AND KIT FOR THE SCREENING, THE
; TITLE OF INVENTION: DETECTION AND/OR THE QUANTIFICATION OF TRANSCRIPTIONAL
; TITLE OF INVENTION: FACTORS
; FILE REFERENCE: VANM212.001AUS
; CURRENT APPLICATION NUMBER: US/09/816,763
; CURRENT FILING DATE: 2001-03-23
; PRIOR APPLICATION NUMBER: EP 00870057.7
; PRIOR FILING DATE: 2000-03-24
; NUMBER OF SEQ ID NOS: 150
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 140
; LENGTH: 28
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: P53 transcriptional factor consensus sequence
; NAME/KEY: misc feature
; LOCATION: (1)...(28)
; OTHER INFORMATION: n = A,T,C or G
US-09-816-763-140

Query Match 100.0%; Score 10; DB 3; Length 28;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 RRRCWGYYY 10
|||
Db 28 RRRCWGYYY 19

RESULT 51
US-10-821-568-140
; Sequence 140, Application US/10821568
; Publication No. US20040185497A1
; GENERAL INFORMATION:
; APPLICANT: Remacle, Jose
; APPLICANT: Renard, Patricia
; APPLICANT: Art, Muriel
; TITLE OF INVENTION: METHOD AND KIT FOR THE SCREENING, THE
; TITLE OF INVENTION: DETECTION AND/OR THE QUANTIFICATION OF TRANSCRIPTIONAL
; TITLE OF INVENTION: FACTORS
; FILE REFERENCE: VANM212.001DV1
; CURRENT APPLICATION NUMBER: US/10/821,568
; CURRENT FILING DATE: 2004-04-08
; PRIOR APPLICATION NUMBER: US 09/816,763
; PRIOR FILING DATE: 2001-03-23
; PRIOR APPLICATION NUMBER: EP 00870057.7
; PRIOR FILING DATE: 2000-03-24
; NUMBER OF SEQ ID NOS: 150
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 140
; LENGTH: 28
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: consensus sequence for transcriptional factor p53
; FEATURE:

```
; NAME/KEY: misc feature
; LOCATION: (1)-(28)
; OTHER INFORMATION: n = A,T,C or G
US-10-821-568-140

Query Match      100.0%; Score 10; DB 8; Length 28;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 RRRCWGYYY 10
Db 19 RRRCWGYYY 28

RESULT 52
US-10-821-568-140/c
; Sequence 140, Application US/10821568
; Publication No. US20040185497A1
; GENERAL INFORMATION:
; APPLICANT: Remacle, Jose
; APPLICANT: Renard, Patricia
; APPLICANT: Art, Muriel
; TITLE OF INVENTION: METHOD AND KIT FOR THE SCREENING, THE
; TITLE OF INVENTION: DETECTION AND/OR THE QUANTIFICATION OF TRANSCRIPTIONAL
; TITLE OF INVENTION: FACTORS
; FILE REFERENCE: VANW212.001DV1
; CURRENT APPLICATION NUMBER: US/10/821,568
; CURRENT FILING DATE: 2004-04-08
; PRIOR APPLICATION NUMBER: US 09/816,763
; PRIOR FILING DATE: 2001-03-23
; PRIOR APPLICATION NUMBER: EP 00870057.7
; PRIOR FILING DATE: 2000-03-24
; NUMBER OF SEQ ID NOS: 150
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 140
; LENGTH: 28
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: consensus sequence for transcriptional factor p53
; NAME/KEY: misc feature
; LOCATION: (1)-(28)
; OTHER INFORMATION: n = A,T,C or G
US-10-821-568-140

Query Match      100.0%; Score 10; DB 8; Length 28;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 RRRCWGYYY 10
Db 28 RRRCWGYYY 19

RESULT 53
US-09-816-763-141
; Sequence 141, Application US/09816763
; Patent No. US20020110814A1
; GENERAL INFORMATION:
; APPLICANT: Remacle, Jose
; APPLICANT: Renard, Patricia
; APPLICANT: Art, Muriel
; TITLE OF INVENTION: METHOD AND KIT FOR THE SCREENING, THE
; TITLE OF INVENTION: DETECTION AND/OR THE QUANTIFICATION OF TRANSCRIPTIONAL
; TITLE OF INVENTION: FACTORS
; FILE REFERENCE: VANW212.001AUS
; CURRENT APPLICATION NUMBER: US/09/816,763
; CURRENT FILING DATE: 2001-03-23
; PRIOR APPLICATION NUMBER: EP 00870057.7
; PRIOR FILING DATE: 2000-03-24
; NUMBER OF SEQ ID NOS: 150
; SOFTWARE: FastSeq for Windows Version 4.0
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```
; SEQ ID NO 141
; LENGTH: 29
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: p53 transcriptional factor consensus sequence
; NAME/KEY: misc_feature
; LOCATION: (1)...(29)
; OTHER INFORMATION: n = A,T,C or G
US-09-816-763-141

Query Match      100.0%; Score 10; DB 3; Length 29;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 RRRCWGYYY 10
Db 20 RRRCWGYYY 29

RESULT 54
US-09-816-763-141/c
; Sequence 141, Application US/09816763
; Patent No. US20020110814A1
; GENERAL INFORMATION:
; APPLICANT: Remacle, Jose
; APPLICANT: Renard, Patricia
; APPLICANT: Art, Muriel
; TITLE OF INVENTION: METHOD AND KIT FOR THE SCREENING, THE
; TITLE OF INVENTION: DETECTION AND/OR THE QUANTIFICATION OF TRANSCRIPTIONAL
; TITLE OF INVENTION: FACTORS
; FILE REFERENCE: VANW212.001AUS
; CURRENT APPLICATION NUMBER: US/09/816,763
; CURRENT FILING DATE: 2001-03-23
; PRIOR APPLICATION NUMBER: EP 00870057.7
; PRIOR FILING DATE: 2000-03-24
; NUMBER OF SEQ ID NOS: 150
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 141
; LENGTH: 29
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: p53 transcriptional factor consensus sequence
; NAME/KEY: misc feature
; LOCATION: (1)...(29)
; OTHER INFORMATION: n = A,T,C or G
US-09-816-763-141

Query Match      100.0%; Score 10; DB 3; Length 29;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 RRRCWGYYY 10
Db 29 RRRCWGYYY 20

RESULT 55
US-10-821-568-141
; Sequence 141, Application US/10821568
; Publication No. US20040185497A1
; GENERAL INFORMATION:
; APPLICANT: Remacle, Jose
; APPLICANT: Renard, Patricia
; APPLICANT: Art, Muriel
; TITLE OF INVENTION: METHOD AND KIT FOR THE SCREENING, THE
; TITLE OF INVENTION: DETECTION AND/OR THE QUANTIFICATION OF TRANSCRIPTIONAL
; TITLE OF INVENTION: FACTORS
; FILE REFERENCE: VANW212.001DV1
; CURRENT APPLICATION NUMBER: US/10/821,568
; CURRENT FILING DATE: 2004-04-08
; PRIOR APPLICATION NUMBER: US 09/816,763
```



```
; PRIOR FILING DATE: 2001-03-23
; PRIOR APPLICATION NUMBER: EP 00870057.7
; PRIOR FILING DATE: 2000-03-24
; NUMBER OF SEQ ID NOS: 150
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 141
; LENGTH: 29
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: consensus sequence for transcriptional factor p53
; NAME/KEY: misc_feature
; LOCATION: (1)...(29)
; OTHER INFORMATION: n = A,T,C or G
US-10-821-568-141

Query Match      100.0%; Score 10; DB 8; Length 29;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 RRRCWGYY 10
   |||||
Db 20 RRRCWGYY 29

RESULT 56
US-10-821-568-141/c
; Sequence 141, Application US/10821568
; Publication No. US20040185497A1
; GENERAL INFORMATION:
; APPLICANT: Remacle, Jose
; APPLICANT: Renard, Patricia
; APPLICANT: Art, Muriel
; TITLE OF INVENTION: METHOD AND KIT FOR THE SCREENING, THE
; TITLE OF INVENTION: DETECTION AND/OR THE QUANTIFICATION OF TRANSCRIPTIONAL
; TITLE OF INVENTION: FACTORS
; FILE REFERENCE: VANM212.001DV1
; CURRENT APPLICATION NUMBER: US/10/821,568
; CURRENT FILING DATE: 2004-04-08
; PRIOR APPLICATION NUMBER: US 09/816,763
; PRIOR FILING DATE: 2001-03-23
; PRIOR APPLICATION NUMBER: EP 00870057.7
; PRIOR FILING DATE: 2000-03-24
; NUMBER OF SEQ ID NOS: 150
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 141
; LENGTH: 29
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: consensus sequence for transcriptional factor p53
; NAME/KEY: misc_feature
; LOCATION: (1)...(29)
; OTHER INFORMATION: n = A,T,C or G
US-10-821-568-141

Query Match      100.0%; Score 10; DB 8; Length 29;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 RRRCWGYY 10
   |||||
Db 29 RRRCWGYY 20

RESULT 57
US-09-816-763-142
; Sequence 142, Application US/09816763
; Patent No. US20020110814A1
; GENERAL INFORMATION:
; APPLICANT: Remacle, Jose
```

```
; APPLICANT: Renard, Patricia
; APPLICANT: Art, Muriel
; TITLE OF INVENTION: METHOD AND KIT FOR THE SCREENING, THE
; TITLE OF INVENTION: DETECTION AND/OR THE QUANTIFICATION OF TRANSCRIPTIONAL
; TITLE OF INVENTION: FACTORS
; FILE REFERENCE: VANM212.001AUS
; CURRENT APPLICATION NUMBER: US/09/816,763
; CURRENT FILING DATE: 2001-03-23
; PRIOR APPLICATION NUMBER: EP 00870057.7
; PRIOR FILING DATE: 2000-03-24
; NUMBER OF SEQ ID NOS: 150
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 142
; LENGTH: 30
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: P53 transcriptional factor consensus sequence
; NAME/KEY: misc_feature
; LOCATION: (1)...(30)
; OTHER INFORMATION: n = A,T,C or G
US-09-816-763-142

Query Match      100.0%; Score 10; DB 3; Length 30;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 RRRCWGYY 10
   |||||
Db 21 RRRCWGYY 30

RESULT 58
US-09-816-763-142/c
; Sequence 142, Application US/09816763
; Patent No. US20020110814A1
; GENERAL INFORMATION:
; APPLICANT: Remacle, Jose
; APPLICANT: Renard, Patricia
; APPLICANT: Art, Muriel
; TITLE OF INVENTION: METHOD AND KIT FOR THE SCREENING, THE
; TITLE OF INVENTION: DETECTION AND/OR THE QUANTIFICATION OF TRANSCRIPTIONAL
; TITLE OF INVENTION: FACTORS
; FILE REFERENCE: VANM212.001AUS
; CURRENT APPLICATION NUMBER: US/09/816,763
; CURRENT FILING DATE: 2001-03-23
; PRIOR APPLICATION NUMBER: EP 00870057.7
; PRIOR FILING DATE: 2000-03-24
; NUMBER OF SEQ ID NOS: 150
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 142
; LENGTH: 30
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: P53 transcriptional factor consensus sequence
; NAME/KEY: misc_feature
; LOCATION: (1)...(30)
; OTHER INFORMATION: n = A,T,C or G
US-09-816-763-142

Query Match      100.0%; Score 10; DB 3; Length 30;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 RRRCWGYY 10
   |||||
Db 30 RRRCWGYY 21

RESULT 59
US-10-821-568-142
; Sequence 142, Application US/10821568
```

```
; Publication No. US20040185497A1
; GENERAL INFORMATION:
; APPLICANT: Remacle, Jose
; APPLICANT: Renard, Patricia
; APPLICANT: Art, Muriel
; TITLE OF INVENTION: METHOD AND KIT FOR THE SCREENING, THE
; TITLE OF INVENTION: DETECTION AND/OR THE QUANTIFICATION OF TRANSCRIPTIONAL
; TITLE OF INVENTION: FACTORS
; FILE REFERENCE: VANM212.001DV1
; CURRENT APPLICATION NUMBER: US/10/821,568
; CURRENT FILING DATE: 2004-04-08
; PRIOR APPLICATION NUMBER: US 09/816,763
; PRIOR FILING DATE: 2001-03-23
; PRIOR APPLICATION NUMBER: EP 00870057.7
; PRIOR FILING DATE: 2000-03-24
; NUMBER OF SEQ ID NOS: 150
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 142
; LENGTH: 30
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: consensus sequence for transcriptional factor p53
; NAME/KEY: misc feature
; LOCATION: (1)...(30)
; OTHER INFORMATION: n = A,T,C or G
US-10-821-568-142

Query Match          100.0%; Score 10; DB 8; Length 30;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 RRCRCWGGYY 10
Db 21 RRCRCWGGYY 30
|||||

RESULT 60
US-10-821-568-142/c
; Sequence 142, Application US/10821568
; Publication No. US20040185497A1
; GENERAL INFORMATION:
; APPLICANT: Remacle, Jose
; APPLICANT: Renard, Patricia
; APPLICANT: Art, Muriel
; TITLE OF INVENTION: METHOD AND KIT FOR THE SCREENING, THE
; TITLE OF INVENTION: DETECTION AND/OR THE QUANTIFICATION OF TRANSCRIPTIONAL
; TITLE OF INVENTION: FACTORS
; FILE REFERENCE: VANM212.001DV1
; CURRENT APPLICATION NUMBER: US/10/821,568
; CURRENT FILING DATE: 2004-04-08
; PRIOR APPLICATION NUMBER: US 09/816,763
; PRIOR FILING DATE: 2001-03-23
; PRIOR APPLICATION NUMBER: EP 00870057.7
; PRIOR FILING DATE: 2000-03-24
; NUMBER OF SEQ ID NOS: 150
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 142
; LENGTH: 30
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: consensus sequence for transcriptional factor p53
; NAME/KEY: misc feature
; LOCATION: (1)...(30)
; OTHER INFORMATION: n = A,T,C or G
US-10-821-568-142

Query Match          100.0%; Score 10; DB 8; Length 30;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
Qy 1 RRCRCWGGYY 10
Db 30 RRCRCWGGYY 21
|||||

RESULT 61
US-09-816-763-143
; Sequence 143, Application US/09816763
; Patent No. US20020110814A1
; GENERAL INFORMATION:
; APPLICANT: Remacle, Jose
; APPLICANT: Renard, Patricia
; APPLICANT: Art, Muriel
; TITLE OF INVENTION: METHOD AND KIT FOR THE SCREENING, THE
; TITLE OF INVENTION: DETECTION AND/OR THE QUANTIFICATION OF TRANSCRIPTIONAL
; TITLE OF INVENTION: FACTORS
; FILE REFERENCE: VANM212.001AUS
; CURRENT APPLICATION NUMBER: US/09/816,763
; CURRENT FILING DATE: 2001-03-23
; PRIOR APPLICATION NUMBER: EP 00870057.7
; PRIOR FILING DATE: 2000-03-24
; NUMBER OF SEQ ID NOS: 150
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 143
; LENGTH: 31
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: p53 transcriptional factor consensus sequence
; NAME/KEY: misc feature
; LOCATION: (1)...(31)
; OTHER INFORMATION: n = A,T,C or G
US-09-816-763-143

Query Match          100.0%; Score 10; DB 3; Length 31;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 RRCRCWGGYY 10
Db 22 RRCRCWGGYY 31
|||||

RESULT 62
US-09-816-763-143/c
; Sequence 143, Application US/09816763
; Patent No. US20020110814A1
; GENERAL INFORMATION:
; APPLICANT: Remacle, Jose
; APPLICANT: Renard, Patricia
; APPLICANT: Art, Muriel
; TITLE OF INVENTION: METHOD AND KIT FOR THE SCREENING, THE
; TITLE OF INVENTION: DETECTION AND/OR THE QUANTIFICATION OF TRANSCRIPTIONAL
; TITLE OF INVENTION: FACTORS
; FILE REFERENCE: VANM212.001AUS
; CURRENT APPLICATION NUMBER: US/09/816,763
; CURRENT FILING DATE: 2001-03-23
; PRIOR APPLICATION NUMBER: EP 00870057.7
; PRIOR FILING DATE: 2000-03-24
; NUMBER OF SEQ ID NOS: 150
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 143
; LENGTH: 31
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: p53 transcriptional factor consensus sequence
; NAME/KEY: misc feature
; LOCATION: (1)...(31)
; OTHER INFORMATION: n = A,T,C or G
US-09-816-763-143
```

```

; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: consensus sequence for transcriptional factor p53
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (1)..(31)
; OTHER INFORMATION: n = A,T,C or G
US-10-821-568-143

Query Match      100.0%; Score 10; DB 8; Length 31;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0

Qy 1 RRCWGWGYY 10
    |||||
Db 31 RRCWGWGYY 22

RESULT 65
US-09-816-763-144
; Sequence 144, Application US/09816763
; Patent No. US20020110814A1
; GENERAL INFORMATION:
; APPLICANT: Remacle, Jose
; APPLICANT: Renard, Patricia
; APPLICANT: Art, Muriel
; TITLE OF INVENTION: METHOD AND KIT FOR THE SCREENING, THE
; TITLE OF INVENTION: DETECTION AND/OR THE QUANTIFICATION OF TRANSCRIPTIONAL
; TITLE OF INVENTION: FACTORS
; FILE REFERENCE: VANM212.001AUS
; CURRENT APPLICATION NUMBER: US/09/816,763
; CURRENT FILING DATE: 2001-03-23
; PRIOR APPLICATION NUMBER: EP 00870057.7
; PRIOR FILING DATE: 2000-03-24
; NUMBER OF SEQ ID NOS: 150
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 144
; LENGTH: 32
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: p53 transcriptional factor consensus sequence
; NAME/KEY: misc feature
; LOCATION: (1)..(32)
; OTHER INFORMATION: n = A,T,C or G
US-09-816-763-144

Query Match      100.0%; Score 10; DB 3; Length 32;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0

Qy 1 RRCWGWGYY 10
    |||||
Db 23 RRCWGWGYY 32

RESULT 66
US-09-816-763-144/c
; Sequence 144, Application US/09816763
; Patent No. US20020110814A1
; GENERAL INFORMATION:
; APPLICANT: Remacle, Jose
; APPLICANT: Renard, Patricia
; APPLICANT: Art, Muriel
; TITLE OF INVENTION: METHOD AND KIT FOR THE SCREENING, THE
; TITLE OF INVENTION: DETECTION AND/OR THE QUANTIFICATION OF TRANSCRIPTIONAL
; TITLE OF INVENTION: FACTORS
; FILE REFERENCE: VANM212.001AUS
; CURRENT APPLICATION NUMBER: US/09/816,763
; CURRENT FILING DATE: 2001-03-23
; PRIOR APPLICATION NUMBER: EP 00870057.7
; PRIOR FILING DATE: 2000-03-24
; NUMBER OF SEQ ID NOS: 150

```

```
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 144
; LENGTH: 32
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: P53 transcriptional factor consensus sequence
; NAME/KEY: misc feature
; LOCATION: (1)...(32)
; OTHER INFORMATION: n = A,T,C or G
US-09-816-763-144

Query Match          100.0%; Score 10; DB 3; Length 32;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 RRCRCWGGYYY 10
Db 32 RRCRCWGGYYY 23

RESULT 67
US-10-821-568-144
; Sequence 144, Application US/10821568
; Publication No. US20040185497A1
; GENERAL INFORMATION:
; APPLICANT: Remacle, Jose
; APPLICANT: Renard, Patricia
; APPLICANT: Art, Muriel
; TITLE OF INVENTION: METHOD AND KIT FOR THE SCREENING, THE
; TITLE OF INVENTION: DETECTION AND/OR THE QUANTIFICATION OF TRANSCRIPTIONAL
; TITLE OF INVENTION: FACTORS
; FILE REFERENCE: VANM212.001DV1
; CURRENT APPLICATION NUMBER: US/10/821,568
; CURRENT FILING DATE: 2004-04-08
; PRIOR APPLICATION NUMBER: US 09/816,763
; PRIOR FILING DATE: 2001-03-23
; PRIOR APPLICATION NUMBER: EP 00870057.7
; PRIOR FILING DATE: 2000-03-24
; NUMBER OF SEQ ID NOS: 150
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 144
; LENGTH: 32
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: consensus sequence for transcriptional factor p53
; NAME/KEY: misc feature
; LOCATION: (1)...(32)
; OTHER INFORMATION: n = A,T,C or G
US-10-821-568-144

Query Match          100.0%; Score 10; DB 8; Length 32;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 RRCRCWGGYYY 10
Db 23 RRCRCWGGYYY 32

RESULT 68
US-10-821-568-144/c
; Sequence 144, Application US/10821568
; Publication No. US20040185497A1
; GENERAL INFORMATION:
; APPLICANT: Remacle, Jose
; APPLICANT: Renard, Patricia
; APPLICANT: Art, Muriel
; TITLE OF INVENTION: METHOD AND KIT FOR THE SCREENING, THE
; TITLE OF INVENTION: DETECTION AND/OR THE QUANTIFICATION OF TRANSCRIPTIONAL
```

```
; FILE REFERENCE: VANM212.001DV1
; CURRENT APPLICATION NUMBER: US/10/821,568
; CURRENT FILING DATE: 2004-04-08
; PRIOR APPLICATION NUMBER: US 09/816,763
; PRIOR FILING DATE: 2001-03-23
; PRIOR APPLICATION NUMBER: EP 00870057.7
; PRIOR FILING DATE: 2000-03-24
; NUMBER OF SEQ ID NOS: 150
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 144
; LENGTH: 32
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: consensus sequence for transcriptional factor p53
; NAME/KEY: misc feature
; LOCATION: (1)...(32)
; OTHER INFORMATION: n = A,T,C or G
US-10-821-568-144

Query Match          100.0%; Score 10; DB 8; Length 32;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 RRCRCWGGYYY 10
Db 32 RRCRCWGGYYY 23

RESULT 69
US-10-821-568-145
; Sequence 145, Application US/10821568
; Publication No. US20040185497A1
; GENERAL INFORMATION:
; APPLICANT: Remacle, Jose
; APPLICANT: Renard, Patricia
; APPLICANT: Art, Muriel
; TITLE OF INVENTION: METHOD AND KIT FOR THE SCREENING, THE
; TITLE OF INVENTION: DETECTION AND/OR THE QUANTIFICATION OF TRANSCRIPTIONAL
; TITLE OF INVENTION: FACTORS
; FILE REFERENCE: VANM212.001DV1
; CURRENT APPLICATION NUMBER: US/10/821,568
; CURRENT FILING DATE: 2004-04-08
; PRIOR APPLICATION NUMBER: US 09/816,763
; PRIOR FILING DATE: 2001-03-23
; PRIOR APPLICATION NUMBER: EP 00870057.7
; PRIOR FILING DATE: 2000-03-24
; NUMBER OF SEQ ID NOS: 150
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 145
; LENGTH: 33
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: consensus sequence for transcriptional factor p53
; NAME/KEY: misc feature
; LOCATION: (1)...(33)
; OTHER INFORMATION: n = A,T,C or G
US-10-821-568-145

Query Match          100.0%; Score 10; DB 8; Length 33;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 RRCRCWGGYYY 10
Db 24 RRCRCWGGYYY 33

RESULT 70
US-10-821-568-145/c
```

```
; Sequence 145, Application US/10821568
; Publication No. US20040185497A1
; GENERAL INFORMATION:
; APPLICANT: Remacle, Jose
; APPLICANT: Renard, Patricia
; APPLICANT: Art, Muriel
; TITLE OF INVENTION: METHOD AND KIT FOR THE SCREENING, THE
; TITLE OF INVENTION: DETECTION AND/OR THE QUANTIFICATION OF TRANSCRIPTIONAL
; TITLE OF INVENTION: FACTORS
; FILE REFERENCE: VANM212.001DV1
; CURRENT APPLICATION NUMBER: US/10/821,568
; CURRENT FILING DATE: 2004-04-08
; PRIOR APPLICATION NUMBER: US 09/816,763
; PRIOR FILING DATE: 2001-03-23
; PRIOR APPLICATION NUMBER: EP 00870057.7
; PRIOR FILING DATE: 2000-03-24
; NUMBER OF SEQ ID NOS: 150
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 145
; LENGTH: 33
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: consensus sequence for transcriptional factor p53
; NAME/KEY: misc.feature
; LOCATION: (1)..(33)
; OTHER INFORMATION: n = A,T,C or G
US-10-821-568-145

Query Match      100.0%; Score 10; DB 8; Length 33;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1 RRRCWGYYY 10
DB      33 RRRCWGYYY 24

RESULT 71
US-09-816-763-145
; Sequence 145, Application US/09816763
; Patent No. US20020110814A1
; GENERAL INFORMATION:
; APPLICANT: Remacle, Jose
; APPLICANT: Renard, Patricia
; APPLICANT: Art, Muriel
; TITLE OF INVENTION: METHOD AND KIT FOR THE SCREENING, THE
; TITLE OF INVENTION: DETECTION AND/OR THE QUANTIFICATION OF TRANSCRIPTIONAL
; TITLE OF INVENTION: FACTORS
; FILE REFERENCE: VANM212.001AUS
; CURRENT APPLICATION NUMBER: US/09/816,763
; CURRENT FILING DATE: 2001-03-23
; PRIOR APPLICATION NUMBER: EP 00870057.7
; PRIOR FILING DATE: 2000-03-24
; NUMBER OF SEQ ID NOS: 150
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 145
; LENGTH: 34
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: P53 transcriptional factor consensus sequence
; NAME/KEY: misc.feature
; LOCATION: (1)...(34)
; OTHER INFORMATION: n = A,T,C or G
US-09-816-763-145

Query Match      100.0%; Score 10; DB 3; Length 34;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1 RRRCWGYYY 10
DB      33 RRRCWGYYY 24

RESULT 72
US-09-816-763-145/c
; Sequence 145, Application US/09816763
; Patent No. US20020110814A1
; GENERAL INFORMATION:
; APPLICANT: Remacle, Jose
; APPLICANT: Renard, Patricia
; APPLICANT: Art, Muriel
; TITLE OF INVENTION: METHOD AND KIT FOR THE SCREENING, THE
; TITLE OF INVENTION: DETECTION AND/OR THE QUANTIFICATION OF TRANSCRIPTIONAL
; TITLE OF INVENTION: FACTORS
; FILE REFERENCE: VANM212.001AUS
; CURRENT APPLICATION NUMBER: US/09/816,763
; CURRENT FILING DATE: 2001-03-23
; PRIOR APPLICATION NUMBER: EP 00870057.7
; PRIOR FILING DATE: 2000-03-24
; NUMBER OF SEQ ID NOS: 150
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 145
; LENGTH: 34
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: P53 transcriptional factor consensus sequence
; NAME/KEY: misc.feature
; LOCATION: (1)...(34)
; OTHER INFORMATION: n = A,T,C or G
US-09-816-763-145

Query Match      100.0%; Score 10; DB 3; Length 34;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1 RRRCWGYYY 10
DB      33 RRRCWGYYY 24

RESULT 73
US-10-017-178-5
; Sequence 5, Application US/10017178
; Publication No. US20020142287A1
; GENERAL INFORMATION:
; APPLICANT: Yamamoto, Hirotsuka
; APPLICANT: Moskal, Joseph R.
; TITLE OF INVENTION: High Throughput Assay to Detect Inhibitors of the MAP Kinase Path
; FILE REFERENCE: 99,123-D
; CURRENT APPLICATION NUMBER: US/10/017,178
; CURRENT FILING DATE: 2001-12-14
; PRIOR APPLICATION NUMBER: US 60/255,548
; PRIOR FILING DATE: 2000-12-14
; NUMBER OF SEQ ID NOS: 10
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 5
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: PCR primer
US-10-017-178-5

Query Match      40.0%; Score 4; DB 5; Length 19;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 4; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      6 WGYG 9
DB      6 WGYG 9
```

```
DB      24 RRRCWGYYY 33

RESULT 72
US-09-816-763-145/c
; Sequence 145, Application US/09816763
; Patent No. US20020110814A1
; GENERAL INFORMATION:
; APPLICANT: Remacle, Jose
; APPLICANT: Renard, Patricia
; APPLICANT: Art, Muriel
; TITLE OF INVENTION: METHOD AND KIT FOR THE SCREENING, THE
; TITLE OF INVENTION: DETECTION AND/OR THE QUANTIFICATION OF TRANSCRIPTIONAL
; TITLE OF INVENTION: FACTORS
; FILE REFERENCE: VANM212.001AUS
; CURRENT APPLICATION NUMBER: US/09/816,763
; CURRENT FILING DATE: 2001-03-23
; PRIOR APPLICATION NUMBER: EP 00870057.7
; PRIOR FILING DATE: 2000-03-24
; NUMBER OF SEQ ID NOS: 150
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 145
; LENGTH: 34
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: P53 transcriptional factor consensus sequence
; NAME/KEY: misc.feature
; LOCATION: (1)...(34)
; OTHER INFORMATION: n = A,T,C or G
US-09-816-763-145

Query Match      100.0%; Score 10; DB 3; Length 34;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1 RRRCWGYYY 10
DB      33 RRRCWGYYY 24

RESULT 73
US-10-017-178-5
; Sequence 5, Application US/10017178
; Publication No. US20020142287A1
; GENERAL INFORMATION:
; APPLICANT: Yamamoto, Hirotsuka
; APPLICANT: Moskal, Joseph R.
; TITLE OF INVENTION: High Throughput Assay to Detect Inhibitors of the MAP Kinase Path
; FILE REFERENCE: 99,123-D
; CURRENT APPLICATION NUMBER: US/10/017,178
; CURRENT FILING DATE: 2001-12-14
; PRIOR APPLICATION NUMBER: US 60/255,548
; PRIOR FILING DATE: 2000-12-14
; NUMBER OF SEQ ID NOS: 10
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 5
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: PCR primer
US-10-017-178-5

Query Match      40.0%; Score 4; DB 5; Length 19;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 4; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      6 WGYG 9
DB      6 WGYG 9
```

```
RESULT 74
US-10-017-178-5/c
; Sequence 5, Application US/10017178
; Publication No. US20020142287A1
; GENERAL INFORMATION:
; APPLICANT: Yamamoto, Hirotsuka
; APPLICANT: Moskalev, Joseph R.
; TITLE OF INVENTION: High Throughput Assay to Detect Inhibitors of the MAP Kinase Path
; FILE REFERENCE: 99,123-D
; CURRENT APPLICATION NUMBER: US/10/017,178
; CURRENT FILING DATE: 2001-12-14
; PRIOR APPLICATION NUMBER: US 60/255,548
; PRIOR FILING DATE: 2000-12-14
; NUMBER OF SEQ ID NOS: 10
; SOFTWARE: Patent in version 3.1
; SEQ ID NO 5
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: PCR primer
US-10-017-178-5
Query Match 40.0%; Score 4; DB 5; Length 19;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 4; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2 RRCW 5
Db 9 RRCW 6

RESULT 75
US-10-065-065-212
; Sequence 212, Application US/10636065
; Publication No. US20040127694A1
; GENERAL INFORMATION:
; APPLICANT: Korneluk, Robert G.
; APPLICANT: LaCasse, Eric
; APPLICANT: Baird, Stephen
; APPLICANT: Holcik, Martin
; APPLICANT: Young, Sean
; TITLE OF INVENTION: Antisense IAP Nucleic Acids and Uses
; FILE REFERENCE: 07891/025005
; CURRENT APPLICATION NUMBER: US/10/636,065
; CURRENT FILING DATE: 2003-08-07
; PRIOR APPLICATION NUMBER: 09/672,717
; PRIOR FILING DATE: 2000-09-28
; NUMBER OF SEQ ID NOS: 231
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 212
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: based on Homo sapiens
US-10-065-065-212
Query Match 40.0%; Score 4; DB 7; Length 19;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 4; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 RRCR 4
Db 19 RRCR 16

RESULT 76
US-10-636-065-212/c
; Sequence 212, Application US/10636065
; Publication No. US20040127694A1
; GENERAL INFORMATION:
; APPLICANT: Korneluk, Robert G.
; APPLICANT: LaCasse, Eric
; APPLICANT: Baird, Stephen
; APPLICANT: Holcik, Martin
; APPLICANT: Young, Sean
; TITLE OF INVENTION: Antisense IAP Nucleic Acids and Uses
; FILE REFERENCE: 07891/025005
; CURRENT APPLICATION NUMBER: US/10/636,065
; CURRENT FILING DATE: 2003-08-07
; PRIOR APPLICATION NUMBER: 09/672,717
; PRIOR FILING DATE: 2000-09-28
; NUMBER OF SEQ ID NOS: 231
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 212
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: based on Homo sapiens
US-10-636-065-212
Query Match 40.0%; Score 4; DB 7; Length 19;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 4; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 RRCR 4
Db 19 RRCR 16

RESULT 77
US-10-407-897-50
; Sequence 50, Application US/10407897
; Publication No. US20040072148A1
; GENERAL INFORMATION:
; APPLICANT: Ji, Jiuping
; APPLICANT: Manak, Mark
; APPLICANT: Gonzalez, Irene
; TITLE OF INVENTION: Simultaneous Detection of HBV, HCV, and HIV in Plasma Samples
; FILE REFERENCE: 1589.0280002
; CURRENT APPLICATION NUMBER: US/10/407,897
; CURRENT FILING DATE: 2003-04-07
; PRIOR APPLICATION NUMBER: 10/130,533
; PRIOR FILING DATE: 2002-11-17
; PRIOR APPLICATION NUMBER: PCT/ US00/31738
; PRIOR FILING DATE: 2000-11-17
; PRIOR APPLICATION NUMBER: US 60/165,916
; PRIOR FILING DATE: 1999-11-17
; NUMBER OF SEQ ID NOS: 81
; SOFTWARE: Patent in version 3.1
; SEQ ID NO 50
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial
; FEATURE:
; OTHER INFORMATION: Synthetic Oligonucleotide Primer
```

US-10-407-897-50

Query Match 40.0%; Score 4; DB 7; Length 21;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 4; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2 RRCW 5
|||
Db 11 RRCW 14

RESULT 78

US-10-407-897-50/c
; Sequence 50, Application US/10407897
; Publication No. US20040072148A1
; GENERAL INFORMATION:
; APPLICANT: Ji, Jiaoping
; APPLICANT: Gonzalez, Irene
; APPLICANT: Manak, Mark
; TITLE OF INVENTION: Simultaneous Detection of HBV, HCV, and HIV in Plasma Samples
; FILE REFERENCE: 1589.0280002
; CURRENT APPLICATION NUMBER: US/10/407,897
; CURRENT FILING DATE: 2003-04-07
; PRIOR APPLICATION NUMBER: 10/130,533
; PRIOR FILING DATE: 2002-11-17
; PRIOR APPLICATION NUMBER: PCT/US00/31738
; PRIOR FILING DATE: 2000-11-17
; PRIOR APPLICATION NUMBER: US 60/165,916
; PRIOR FILING DATE: 1999-11-17
; NUMBER OF SEQ ID NOS: 81
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 50
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial
; FEATURE:
; OTHER INFORMATION: Synthetic Oligonucleotide Primer
US-10-407-897-50

Query Match 40.0%; Score 4; DB 7; Length 21;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 4; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 6 WGYI 9
|||
Db 14 WGYI 11

RESULT 79

US-10-225-519-16
; Sequence 16, Application US/10225519
; Publication No. US20030086940A1
; GENERAL INFORMATION:
; APPLICANT: Costa, Cristina
; APPLICANT: Pizzolato, Maryellen C.
; APPLICANT: Fodor, William L.
; TITLE OF INVENTION: AN ENGINEERED RECOMBINANT MOLECULE THAT REGULATES HUMORAL AND CELL
; FILE REFERENCE: 33-CIP
; CURRENT APPLICATION NUMBER: US/10/225,519
; CURRENT FILING DATE: 2002-08-20
; PRIOR APPLICATION NUMBER: US 09/928,267
; PRIOR FILING DATE: 2001-08-10
; PRIOR APPLICATION NUMBER: PCT/US00/29151
; PRIOR FILING DATE: 2000-10-21
; PRIOR APPLICATION NUMBER: US 60/161,186
; PRIOR FILING DATE: 1999-10-22
; NUMBER OF SEQ ID NOS: 27
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 16
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Artificial
; FEATURE:
; OTHER INFORMATION: Synthetic Oligonucleotide Primer

; ORGANISM: Artificial Sequence

; FEATURE:

; OTHER INFORMATION: 5' forward primer.

US-10-225-519-16

Query Match 40.0%; Score 4; DB 5; Length 25;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 4; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 7 GYYI 10
|||
Db 19 GYYI 22

RESULT 80

US-10-225-519-16/c
; Sequence 16, Application US/10225519
; Publication No. US20030086940A1
; GENERAL INFORMATION:
; APPLICANT: Costa, Cristina
; APPLICANT: Pizzolato, Maryellen C.
; APPLICANT: Fodor, William L.
; TITLE OF INVENTION: AN ENGINEERED RECOMBINANT MOLECULE THAT REGULATES HUMORAL AND CELL
; FILE REFERENCE: 33-CIP
; CURRENT APPLICATION NUMBER: US/10/225,519
; CURRENT FILING DATE: 2002-08-20
; PRIOR APPLICATION NUMBER: US 09/928,267
; PRIOR FILING DATE: 2001-08-10
; PRIOR APPLICATION NUMBER: PCT/US00/29151
; PRIOR FILING DATE: 2000-10-21
; PRIOR APPLICATION NUMBER: US 60/161,186
; PRIOR FILING DATE: 1999-10-22
; NUMBER OF SEQ ID NOS: 27
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 16
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: 5' forward primer.
US-10-225-519-16

Query Match 40.0%; Score 4; DB 5; Length 25;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 4; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 RRRC 4
|||
Db 22 RRRC 19

RESULT 81

US-09-780-651-3
; Sequence 3, Application US/09780651
; Patent No. US20020048756A1
; GENERAL INFORMATION:
; APPLICANT: Robinson, Daniel
; APPLICANT: Kung, Hsing-Jien
; TITLE OF INVENTION: Analysis of Gene Family Expression
; FILE REFERENCE: CASE-06110
; CURRENT APPLICATION NUMBER: US/09/780,651
; CURRENT FILING DATE: 2001-02-09
; PRIOR APPLICATION NUMBER: 09/073,407
; PRIOR FILING DATE: 1998-05-06
; NUMBER OF SEQ ID NOS: 13
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 3
; LENGTH: 27
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic

US-09-780-651-3

Query Match 40.0%; Score 4; DB 3; Length 27;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 4; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 5 WWGY 8
|||
Db 16 WWGY 19

RESULT 82

US-09-780-651-3/c
; Sequence 3, Application US/09780651
; Patent No. US20020048756A1
; GENERAL INFORMATION:
; APPLICANT: Robinson, Daniel
; TITLE OF INVENTION: Analysis of Gene Family Expression
; FILE REFERENCE: CASE-06110
; CURRENT APPLICATION NUMBER: US/09/780,651
; CURRENT FILING DATE: 2001-02-09
; PRIOR APPLICATION NUMBER: 09/073,407
; PRIOR FILING DATE: 1998-05-06
; NUMBER OF SEQ ID NOS: 13
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 3
; LENGTH: 27
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic
US-09-780-651-3

Query Match 40.0%; Score 4; DB 3; Length 27;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 4; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 3 RCWW 6
|||
Db 19 RCWW 16

RESULT 83

US-10-658-093-51
; Sequence 51, Application US/10658093
; Publication No. US20040115704A1
; GENERAL INFORMATION:
; APPLICANT: Daly, John Michael
; TITLE OF INVENTION: Constructs for Gene Expression Analysis
; FILE REFERENCE: 12177722
; CURRENT APPLICATION NUMBER: US/10/658,093
; CURRENT FILING DATE: 2003-09-09
; PRIOR APPLICATION NUMBER: USSN 60/274770
; PRIOR FILING DATE: 2001-03-09
; PRIOR APPLICATION NUMBER: PCT/AU02/00351
; PRIOR FILING DATE: 2001-03-08
; NUMBER OF SEQ ID NOS: 57
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 51
; LENGTH: 30
; TYPE: RNA
; ORGANISM: mammalian
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (4)..(4)
; OTHER INFORMATION: n = from 20-40 nucleotides, wherein individual nucleotides are
; OTHER INFORMATION: selected from any nucleotide
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (19)..(19)
; OTHER INFORMATION: n is a, c, g, or u
US-10-658-093-51

Query Match 40.0%; Score 4; DB 7; Length 30;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 4; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 RRRC 4
|||
Db 21 RRRC 24

RESULT 84

US-10-658-093-51/c
; Sequence 51, Application US/10658093
; Publication No. US20040115704A1
; GENERAL INFORMATION:
; APPLICANT: Daly, John Michael
; TITLE OF INVENTION: Constructs for Gene Expression Analysis
; FILE REFERENCE: 12177722
; CURRENT APPLICATION NUMBER: US/10/658,093
; CURRENT FILING DATE: 2003-09-09
; PRIOR APPLICATION NUMBER: USSN 60/274770
; PRIOR FILING DATE: 2001-03-09
; PRIOR APPLICATION NUMBER: PCT/AU02/00351
; PRIOR FILING DATE: 2001-03-08
; NUMBER OF SEQ ID NOS: 57
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 51
; LENGTH: 30
; TYPE: RNA
; ORGANISM: mammalian
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (4)..(4)
; OTHER INFORMATION: n = from 20-40 nucleotides, wherein individual nucleotides are
; OTHER INFORMATION: selected from any nucleotide
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (19)..(19)
; OTHER INFORMATION: n is a, c, g, or u
US-10-658-093-51

Query Match 40.0%; Score 4; DB 7; Length 30;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 4; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 RRRC 4
|||
Db 14 RRRC 11

RESULT 85

US-10-658-093-52
; Sequence 52, Application US/10658093
; Publication No. US20040115704A1
; GENERAL INFORMATION:
; APPLICANT: Daly, John Michael
; TITLE OF INVENTION: Constructs for Gene Expression Analysis
; FILE REFERENCE: 12177722
; CURRENT APPLICATION NUMBER: US/10/658,093
; CURRENT FILING DATE: 2003-09-09
; PRIOR APPLICATION NUMBER: USSN 60/274770
; PRIOR FILING DATE: 2001-03-09
; PRIOR APPLICATION NUMBER: PCT/AU02/00351
; PRIOR FILING DATE: 2001-03-08
; NUMBER OF SEQ ID NOS: 57
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 52
; LENGTH: 30
; TYPE: DNA
; ORGANISM: mammalian
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (4)..(4)

; OTHER INFORMATION: n = from 20-40 nucleotides, wherein individual nucleotides are
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (19)..(19)
; OTHER INFORMATION: n is a, c, g, or t

US-10-658-093-52

Query Match 40.0%; Score 4; DB 7; Length 30;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 4; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 RRRC 4
Db 21 RRRC 24

RESULT 86

US-10-658-093-52/c
; Sequence 52, Application US/10658093
; Publication No. US20040115704A1
; GENERAL INFORMATION:

; APPLICANT: Daly, John Michael
; TITLE OF INVENTION: Constructs for Gene Expression Analysis

; CURRENT APPLICATION NUMBER: US/10/658,093

; CURRENT FILING DATE: 2003-09-09

; PRIOR APPLICATION NUMBER: USSN 60/274770

; PRIOR FILING DATE: 2001-03-09

; PRIOR APPLICATION NUMBER: PCT/AU02/00351

; PRIOR FILING DATE: 2001-03-08

; NUMBER OF SEQ ID NOS: 57

; SOFTWARE: PatentIn version 3.2

; SEQ ID NO 52

; LENGTH: 30

; TYPE: DNA

; ORGANISM: mammalian

; FEATURE:

; NAME/KEY: misc feature

; LOCATION: (4)..(4)

; OTHER INFORMATION: n = from 20-40 nucleotides, wherein individual nucleotides are
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (19)..(19)
; OTHER INFORMATION: n is a, c, g, or t

US-10-658-093-52

Query Match 40.0%; Score 4; DB 7; Length 30;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 4; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 RRRC 4
Db 14 RRRC 11

RESULT 87

US-10-658-093-51
; Sequence 51, Application US/10658093
; Publication No. US20040209274A2
; GENERAL INFORMATION:

; APPLICANT: Daly, John Michael
; TITLE OF INVENTION: Constructs for Gene Expression Analysis

; CURRENT APPLICATION NUMBER: US/10/658,093

; CURRENT FILING DATE: 2003-09-09

; PRIOR APPLICATION NUMBER: USSN 60/274770

; PRIOR FILING DATE: 2001-03-09

; PRIOR APPLICATION NUMBER: PCT/AU02/00351

; PRIOR FILING DATE: 2001-03-08

; NUMBER OF SEQ ID NOS: 57

; SOFTWARE: PatentIn version 3.2

; SEQ ID NO 51

; LENGTH: 30

; TYPE: RNA

; ORGANISM: mammalian

; FEATURE:

; NAME/KEY: misc feature

; LOCATION: (4)..(4)

; OTHER INFORMATION: n = from 20-40 nucleotides, wherein individual nucleotides are
; OTHER INFORMATION: selected from any nucleotide

; FEATURE:

; NAME/KEY: misc feature

; LOCATION: (19)..(19)

; OTHER INFORMATION: n is a, c, g, or u

US-10-658-093-51

Query Match 40.0%; Score 4; DB 8; Length 30;

Best Local Similarity 100.0%; Pred. No. 0;

Matches 4; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 RRRC 4
Db 21 RRRC 24

RESULT 88

US-10-658-093-51/c

; Sequence 51, Application US/10658093

; Publication No. US20040209274A2

; GENERAL INFORMATION:

; APPLICANT: Daly, John Michael

; TITLE OF INVENTION: Constructs for Gene Expression Analysis

; FILE REFERENCE: 12177722

; CURRENT APPLICATION NUMBER: US/10/658,093

; CURRENT FILING DATE: 2003-09-09

; PRIOR APPLICATION NUMBER: USSN 60/274770

; PRIOR FILING DATE: 2001-03-09

; PRIOR APPLICATION NUMBER: PCT/AU02/00351

; PRIOR FILING DATE: 2001-03-08

; NUMBER OF SEQ ID NOS: 57

; SOFTWARE: PatentIn version 3.2

; SEQ ID NO 51

; LENGTH: 30

; TYPE: RNA

; ORGANISM: mammalian

; FEATURE:

; NAME/KEY: misc feature

; LOCATION: (4)..(4)

; OTHER INFORMATION: n = from 20-40 nucleotides, wherein individual nucleotides are
; OTHER INFORMATION: selected from any nucleotide

; FEATURE:

; NAME/KEY: misc feature

; LOCATION: (19)..(19)

; OTHER INFORMATION: n is a, c, g, or u

US-10-658-093-51

Query Match 40.0%; Score 4; DB 8; Length 30;

Best Local Similarity 100.0%; Pred. No. 0;

Matches 4; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 RRRC 4
Db 14 RRRC 11

RESULT 89

US-10-658-093-52

; Sequence 52, Application US/10658093

; Publication No. US20040209274A2

; GENERAL INFORMATION:

; APPLICANT: Daly, John Michael

; TITLE OF INVENTION: Constructs for Gene Expression Analysis

; FILE REFERENCE: 12177722

; CURRENT APPLICATION NUMBER: US/10/658,093

```
; CURRENT FILING DATE: 2003-09-09
; PRIOR APPLICATION NUMBER: USSN 60/274770
; PRIOR FILING DATE: 2001-03-09
; PRIOR APPLICATION NUMBER: PCT/AU02/00351
; PRIOR FILING DATE: 2001-03-08
; NUMBER OF SEQ ID NOS: 57
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 52
; LENGTH: 30
; TYPE: DNA
; ORGANISM: mammalian
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (4)..(4)
; OTHER INFORMATION: n = from 20-40 nucleotides, wherein individual nucleotides are
; OTHER INFORMATION: selected from any nucleotide
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (19)..(19)
; OTHER INFORMATION: n is a, c, g, or t
; US-10-658-093-52

Query Match 40.0%; Score 4; DB 8; Length 30;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 4; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 RRRR 4
Db 21 RRRR 24

RESULT 90
US-10-658-093-52/c
; Sequence 52, Application US/10658093
; Publication No. US20040209274A2
; GENERAL INFORMATION:
; APPLICANT: Daly, John Michael
; TITLE OF INVENTION: Constructs for Gene Expression Analysis
; FILE REFERENCE: 12177722
; CURRENT APPLICATION NUMBER: US/10/658,093
; CURRENT FILING DATE: 2003-09-09
; PRIOR APPLICATION NUMBER: USSN 60/274770
; PRIOR FILING DATE: 2001-03-09
; PRIOR APPLICATION NUMBER: PCT/AU02/00351
; PRIOR FILING DATE: 2001-03-08
; NUMBER OF SEQ ID NOS: 57
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 52
; LENGTH: 30
; TYPE: DNA
; ORGANISM: mammalian
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (4)..(4)
; OTHER INFORMATION: n = from 20-40 nucleotides, wherein individual nucleotides are
; OTHER INFORMATION: selected from any nucleotide
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (19)..(19)
; OTHER INFORMATION: n is a, c, g, or t
; US-10-658-093-52

Query Match 40.0%; Score 4; DB 8; Length 30;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 4; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 RRRR 4
Db 14 RRRR 11

RESULT 91
US-09-179-536B-320
```

```
; Sequence 320, Application US/09179536B
; Patent No. US20020042112A1
; GENERAL INFORMATION:
; APPLICANT: Hubert K ster
; David M. Lough
; Guobing Xiang
; TITLE OF INVENTION: DNA DIAGNOSTICS BASED ON MASS SPECTROMETRY
; NUMBER OF SEQUENCES: 320
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Heller Ehrman White & McAuliffe
; STREET: 4250 Executive Square, 7th Floor
; CITY: La Jolla
; STATE: CA
; COUNTRY: USA
; ZIP: 92037
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS
; SOFTWARE: ASCII
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/179,536B
; FILING DATE: 26-Oct-1998
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: PCT/US97/20444
; FILING DATE: 06-NOV-1997
; APPLICATION NUMBER: 08/947,801
; FILING DATE: 08-Oct-97
; APPLICATION NUMBER: 08/933,792
; FILING DATE: 19-Sep-97
; APPLICATION NUMBER: 08/787,639
; FILING DATE: 23-Jan-97
; APPLICATION NUMBER: 08/786,988
; FILING DATE: 23-Jan-97
; APPLICATION NUMBER: 08/746,055
; FILING DATE: 06-No. US20020042112A1-96
; APPLICATION NUMBER: 08/746,036
; FILING DATE: 06-No. US20020042112A1-96
; APPLICATION NUMBER: 08/744,590
; FILING DATE: 06-No. US20020042112A1-96
; APPLICATION NUMBER: 08/744,481
; FILING DATE: 06-No. US20020042112A1-96
; ATTORNEY/AGENT INFORMATION:
; NAME: Seidman, Stephanie L
; REGISTRATION NUMBER: 33,779
; REFERENCE/DOCKET NUMBER: 24736-2004B
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 858-450-8400
; TELEFAX: 858-587-5360
; TELEX: <Unknown>
; INFORMATION FOR SEQ ID NO: 320:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 38 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: unknown
; MOLECULE TYPE: cDNA
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
; FRAGMENT TYPE: <Unknown>
; ORIGINAL SOURCE:
; SEQUENCE DESCRIPTION: SEQ ID NO: 320:
US-09-179-536B-320

Query Match 40.0%; Score 4; DB 3; Length 38;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 4; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 4 CWWG 7
Db 33 CWWG 36
```

RESULT 92

US-09-179-536B-320/c
; Sequence 320, Application US/09179536B
; Patent No. US20020042112A1
; GENERAL INFORMATION:

APPLICANT: Hubert K ster
; David M. Lough
; Guobing Xiang

TITLE OF INVENTION: DNA DIAGNOSTICS BASED ON MASS SPECTROMETRY

NUMBER OF SEQUENCES: 320

CORRESPONDENCE ADDRESS:

ADDRESSEE: Heller Ehrman White & McAuliffe

STREET: 4250 Executive Square, 7th Floor

CITY: La Jolla

STATE: CA

COUNTRY: USA

ZIP: 92037

COMPUTER READABLE FORM:

MEDIUM TYPE: Diskette

COMPUTER: IBM Compatible

OPERATING SYSTEM: DOS

SOFTWARE: ASCII

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/09/179,536B

FILING DATE: 26-Oct-1998

CLASSIFICATION: <Unknown>

PRIOR APPLICATION DATA:

APPLICATION NUMBER: PCT/US97/20444

FILING DATE: 06-NOV-1997

APPLICATION NUMBER: 08/947,801

FILING DATE: 08-Oct-97

APPLICATION NUMBER: 08/933,792

FILING DATE: 19-Sep-97

APPLICATION NUMBER: 08/787,639

FILING DATE: 23-Jan-97

APPLICATION NUMBER: 08/786,988

FILING DATE: 23-Jan-97

APPLICATION NUMBER: 08/746,055

FILING DATE: 06-No. US20020042112A1-96

APPLICATION NUMBER: 08/745,036

FILING DATE: 06-No. US20020042112A1-96

APPLICATION NUMBER: 08/744,590

FILING DATE: 06-No. US20020042112A1-96

APPLICATION NUMBER: 08/744,481

FILING DATE: 06-No. US20020042112A1-96

ATTORNEY/AGENT INFORMATION:

NAME: Seidman, Stephanie L

REGISTRATION NUMBER: 33,779

REFERENCE/DOCKET NUMBER: 24736-2004B

TELECOMMUNICATION INFORMATION:

TELEPHONE: 858-450-8400

TELEFAX: 858-587-5360

TELEX: <Unknown>

INFORMATION FOR SEQ ID NO: 320:

SEQUENCE CHARACTERISTICS:

LENGTH: 38 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: unknown

MOLECULE TYPE: cdna

HYPOTHETICAL: NO

ANTI-SENSE: NO

FRAGMENT TYPE: <Unknown>

ORIGINAL SOURCE:

SEQUENCE DESCRIPTION: SEQ ID NO: 320:

US-09-179-536B-320

Query Match 40.0%; Score 4; DB 3; Length 38;

Best Local Similarity 100.0%; Pred. NO. 0;

Matches 4; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 4 CWG 7

DB

||||

36 CWG 33

RESULT 93

US-09-297-576A-320
; Sequence 320, Application US/09297576A
; Publication No. US20030129589A1

GENERAL INFORMATION:

APPLICANT: KOSTER, Hubert

APPLICANT: LITTLE, Daniel P.

APPLICANT: BRAUN, Andreas

APPLICANT: LOUGH, David M.

APPLICANT: XIANG, Guobing

APPLICANT: VAN DEN BOOM, Dirk

APPLICANT: JURINKE, Christian

APPLICANT: RUPPERT, Andreas

TITLE OF INVENTION: DNA DIAGNOSTICS BASED ON MASS SPECTROMETRY

NUMBER OF SEQUENCES: 320

CORRESPONDENCE ADDRESS:

ADDRESSEE: Heller Ehrman White & McAuliffe

STREET: 4250 Executive Square, 7th Floor

CITY: La Jolla

STATE: CA

COUNTRY: USA

ZIP: 92037

COMPUTER READABLE FORM:

MEDIUM TYPE: Diskette

COMPUTER: IBM Compatible

OPERATING SYSTEM: DOS

SOFTWARE: ASCII

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/09/297,576A

FILING DATE: 07-Jun-2000

CLASSIFICATION:

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 08/947,801

FILING DATE: 08-Oct-97

APPLICATION NUMBER: 08/933,792

FILING DATE: 19-Sep-97

APPLICATION NUMBER: 08/787,639

FILING DATE: 23-Jan-97

APPLICATION NUMBER: 08/786,988

FILING DATE: 23-Jan-97

APPLICATION NUMBER: 08/746,055

FILING DATE: 06-No. US20030129589A1-96

APPLICATION NUMBER: 08/746,036

FILING DATE: 06-No. US20030129589A1-96

APPLICATION NUMBER: 08/744,590

FILING DATE: 06-No. US20030129589A1-96

APPLICATION NUMBER: 08/744,481

FILING DATE: 06-No. US20030129589A1-96

ATTORNEY/AGENT INFORMATION:

NAME: Seidman, Stephanie L

REGISTRATION NUMBER: 33,779

REFERENCE/DOCKET NUMBER: 24736-2004

TELECOMMUNICATION INFORMATION:

TELEPHONE: 858-450-8400

TELEFAX: 858-450-8499

INFORMATION FOR SEQ ID NO: 320:

SEQUENCE CHARACTERISTICS:

LENGTH: 38 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: unknown

MOLECULE TYPE: cdna

HYPOTHETICAL: NO

ANTI-SENSE: NO

FRAGMENT TYPE: <Unknown>

ORIGINAL SOURCE:

US-09-297-576A-320

Query Match

40.0%; Score 4; DB 3; Length 38;

Best Local Similarity 100.0%; Pred. No. 0;
Matches 4; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 4 CWWG 7
Db 33 CWWG 36

RESULT 94
US-09-297-576A-320/c
; Sequence 320, Application US/09297576A
; Publication No. US20030129589A1
; GENERAL INFORMATION:
; APPLICANT: KOSTER, Hubert
; APPLICANT: LITTLE, Daniel P.
; APPLICANT: BRAUN, Andreas
; APPLICANT: LOUGH, David M.
; APPLICANT: XIANG, Guobing
; APPLICANT: VAN DEN BOOM, Dirk
; APPLICANT: JURINKE, Christian
; APPLICANT: RUPPERT, Andreas
; TITLE OF INVENTION: DNA DIAGNOSTICS BASED ON MASS SPECTROMETRY
; NUMBER OF SEQUENCES: 320
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Heller Ehmman White & McAuliffe
; STREET: 4250 Executive Square, 7th Floor
; CITY: La Jolla
; STATE: CA
; COUNTRY: USA
; ZIP: 92037
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS
; SOFTWARE: ASCII
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/297,576A
; FILING DATE: 07-Jun-2000
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/947,801
; FILING DATE: 08-Oct-97
; APPLICATION NUMBER: 08/933,792
; FILING DATE: 19-Sep-97
; APPLICATION NUMBER: 08/787,639
; FILING DATE: 23-Jan-97
; APPLICATION NUMBER: 08/786,988
; FILING DATE: 23-Jan-97
; APPLICATION NUMBER: 08/746,055
; FILING DATE: 06-No. US20030129589A1-96
; APPLICATION NUMBER: 08/746,036
; FILING DATE: 06-No. US20030129589A1-96
; APPLICATION NUMBER: 08/744,590
; FILING DATE: 06-No. US20030129589A1-96
; APPLICATION NUMBER: 08/744,481
; FILING DATE: 06-No. US20030129589A1-96
; ATTORNEY/AGENT INFORMATION:
; NAME: Seidman, Stephanie L
; REGISTRATION NUMBER: 33,779
; REFERENCE/DOCKET NUMBER: 24736-2004
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 858-450-8400
; TELEFAX: 858-450-8499
; INFORMATION FOR SEQ ID NO: 320:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 38 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: unknown
; MOLECULE TYPE: cDNA
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
; FRAGMENT TYPE: <Unknown>

; ORIGINAL SOURCE:
US-09-297-576A-320

Query Match 40.0%; Score 4; DB 3; Length 38;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 4; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 4 CWWG 7
Db 36 CWWG 33

RESULT 95
US-10-669-162C-387
; Sequence 387, Application US/10669162C
; Publication No. US20050053951A1
; GENERAL INFORMATION:
; APPLICANT: Breaker, Ronald R.
; APPLICANT: Nahvi, Ali
; APPLICANT: Sudarsan, Narasimhan
; APPLICANT: Ebert, Margaret S.
; APPLICANT: Winkler, Wade
; APPLICANT: Barrick, Jeffrey E.
; APPLICANT: Wickiser, John K.
; TITLE OF INVENTION: RIBOSWITCHES, METHODS FOR THEIR USE, AND
; TITLE OF INVENTION: COMPOSITIONS FOR USE WITH RIBOSWITCHES
; FILE REFERENCE: 25006.0016U2
; CURRENT APPLICATION NUMBER: US/10/669,162C
; CURRENT FILING DATE: 2003-09-22
; PRIOR APPLICATION NUMBER: 60/412,468
; PRIOR FILING DATE: 2002-09-20
; NUMBER OF SEQ ID NOS: 410
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 387
; LENGTH: 50
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:/Note =
; OTHER INFORMATION: synthetic construct
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: 10, 15
; OTHER INFORMATION: k = g or u
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: 1, 11, 14, 30-32
; OTHER INFORMATION: n = g, a, c or u
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: 7, 12, 18-21, 27, 43-44, 48-50
; OTHER INFORMATION: r = a or g
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: 4-6, 17, 37
; OTHER INFORMATION: y = c or u
US-10-669-162C-387

Query Match 40.0%; Score 4; DB 9; Length 50;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 4; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 RRRRC 4
Db 19 RRRRC 22

RESULT 96
US-10-669-162C-387/c
; Sequence 387, Application US/10669162C
; Publication No. US20050053951A1
; GENERAL INFORMATION:
; APPLICANT: Breaker, Ronald R.

; APPLICANT: Nahvi, Ali
 ; APPLICANT: Sudarsan, Narasimhan
 ; APPLICANT: Ebert, Margaret S.
 ; APPLICANT: Winkler, Wade
 ; APPLICANT: Barrick, Jeffrey E.
 ; APPLICANT: Wickiser, John K.
 ; TITLE OF INVENTION: RIBOSWITCHES, METHODS FOR THEIR USE, AND
 ; TITLE OF INVENTION: COMPOSITIONS FOR USE WITH RIBOSWITCHES
 ; FILE REFERENCE: 25006.001602
 ; CURRENT APPLICATION NUMBER: US/10/669,162C
 ; CURRENT FILING DATE: 2003-09-22
 ; PRIOR APPLICATION NUMBER: 60/412,468
 ; PRIOR FILING DATE: 2002-09-20
 ; NUMBER OF SEQ ID NOS: 410
 ; SOFTWARE: FastSeq for Windows Version 4.0
 ; SEQ ID NO 387
 ; LENGTH: 50
 ; TYPE: RNA
 ; ORGANISM: Artificial Sequence
 ; FEATURE:
 ; OTHER INFORMATION: Description of Artificial Sequence:/Note =
 ; OTHER INFORMATION: synthetic construct
 ; FEATURE:
 ; NAME/KEY: misc feature
 ; LOCATION: 10, 15
 ; OTHER INFORMATION: k = g or u
 ; FEATURE:
 ; NAME/KEY: misc feature
 ; LOCATION: 1, 11, 14, 30-32
 ; OTHER INFORMATION: n = g, a, c or u
 ; FEATURE:
 ; NAME/KEY: misc feature
 ; LOCATION: 7, 12, 18-21, 27, 43-44, 48-50
 ; OTHER INFORMATION: r = a or g
 ; FEATURE:
 ; NAME/KEY: misc feature
 ; LOCATION: 4-6, 17, 37
 ; OTHER INFORMATION: y = c or u
 ; US-10-669-162C-387

Query Match 40.0%; Score 4; DB 9; Length 50;
 Best Local Similarity 100.0%; Pred. No. 0;
 Matches 4; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 7 GYYY 10
 ||||
 Db 22 GYYY 19

RESULT 97
 US-10-293-252C-5
 ; Sequence 5, Application US/10293252C
 ; Publication No. US20040103449A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Xu, Dongem
 ; TITLE OF INVENTION: Identification and Use of Cytochrome
 ; TITLE OF INVENTION: P450 Nucleic Acid Sequences from Tobacco
 ; FILE REFERENCE: 78127
 ; CURRENT APPLICATION NUMBER: US/10/293,252C
 ; CURRENT FILING DATE: 2002-11-13
 ; PRIOR APPLICATION NUMBER: 60/363,684
 ; PRIOR FILING DATE: 2002-03-12
 ; PRIOR APPLICATION NUMBER: 60/347,444
 ; PRIOR FILING DATE: 2002-01-11
 ; PRIOR APPLICATION NUMBER: 60/337,684
 ; PRIOR FILING DATE: 2001-11-13
 ; NUMBER OF SEQ ID NOS: 152
 ; SOFTWARE: FastSeq for Windows Version 3.0
 ; SEQ ID NO 5
 ; LENGTH: 4
 ; TYPE: DNA
 ; ORGANISM: Nicotiana
 ; US-10-293-252C-5

Query Match 30.0%; Score 3; DB 7; Length 4;
 Best Local Similarity 100.0%; Pred. No. 0;
 Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2 RRC 4
 ||||
 Db 2 RRC 4

RESULT 98
 US-10-293-252C-5/c
 ; Sequence 5, Application US/10293252C
 ; Publication No. US20040103449A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Xu, Dongem
 ; TITLE OF INVENTION: Identification and Use of Cytochrome
 ; TITLE OF INVENTION: P450 Nucleic Acid Sequences from Tobacco
 ; FILE REFERENCE: 78127
 ; CURRENT APPLICATION NUMBER: US/10/293,252C
 ; CURRENT FILING DATE: 2002-11-13
 ; PRIOR APPLICATION NUMBER: 60/363,684
 ; PRIOR FILING DATE: 2002-03-12
 ; PRIOR APPLICATION NUMBER: 60/347,444
 ; PRIOR FILING DATE: 2002-01-11
 ; PRIOR APPLICATION NUMBER: 60/337,684
 ; PRIOR FILING DATE: 2001-11-13
 ; NUMBER OF SEQ ID NOS: 152
 ; SOFTWARE: FastSeq for Windows Version 3.0
 ; SEQ ID NO 5
 ; LENGTH: 4
 ; TYPE: DNA
 ; ORGANISM: Nicotiana
 ; US-10-293-252C-5

Query Match 30.0%; Score 3; DB 7; Length 4;
 Best Local Similarity 100.0%; Pred. No. 0;
 Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 7 GYY 9
 ||||
 Db 4 GYY 2

RESULT 99
 US-10-340-861B-5
 ; Sequence 5, Application US/10340861B
 ; Publication No. US20040111759A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Xu, Dongem
 ; TITLE OF INVENTION: Identification and Use of Cytochrome
 ; TITLE OF INVENTION: P450 Nucleic Acid Sequences from Tobacco
 ; FILE REFERENCE: 78406
 ; CURRENT APPLICATION NUMBER: US/10/340,861B
 ; CURRENT FILING DATE: 2003-01-10
 ; PRIOR APPLICATION NUMBER: 10/293,252
 ; PRIOR FILING DATE: 2002-11-13
 ; PRIOR APPLICATION NUMBER: 60/363,684
 ; PRIOR FILING DATE: 2002-03-12
 ; PRIOR APPLICATION NUMBER: 60/347,444
 ; PRIOR FILING DATE: 2002-01-11
 ; PRIOR APPLICATION NUMBER: 60/337,684
 ; PRIOR FILING DATE: 2001-11-13
 ; NUMBER OF SEQ ID NOS: 184
 ; SOFTWARE: FastSeq for Windows Version 3.0
 ; SEQ ID NO 5
 ; LENGTH: 4
 ; TYPE: DNA
 ; ORGANISM: Nicotiana
 ; US-10-340-861B-5

Query Match 30.0%; Score 3; DB 7; Length 4;
 Best Local Similarity 100.0%; Pred. No. 0;

Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2 RRC 4
|||
Db 2 RRC 4

RESULT 100

US-10-340-861B-5/c
; Sequence 5, Application US/10340861B
; Publication No. US2004011759A1
; GENERAL INFORMATION:
; APPLICANT: Xu, Dongmei
; TITLE OF INVENTION: Identification and Use of Cytochrome
; FILE REFERENCE: 78406
; CURRENT APPLICATION NUMBER: US/10/340,861B
; CURRENT FILING DATE: 2003-01-10
; PRIOR FILING DATE: 10/293,252
; PRIOR FILING DATE: 2002-11-13
; PRIOR APPLICATION NUMBER: 60/363,684
; PRIOR FILING DATE: 2002-03-12
; PRIOR APPLICATION NUMBER: 60/347,444
; PRIOR FILING DATE: 2002-01-11
; PRIOR APPLICATION NUMBER: 60/337,684
; PRIOR FILING DATE: 2001-11-13
; NUMBER OF SEQ ID NOS: 184
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 5
; LENGTH: 4
; TYPE: DNA
; ORGANISM: Nicotiana
US-10-340-861B-5

Query Match 30.0%; Score 3; DB 7; Length 4;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 7 GYY 9
|||
Db 4 GYY 2

RESULT 101

US-10-253-117-1
; Sequence 1, Application US/10253117
; Publication No. US20030119773A1
; GENERAL INFORMATION:
; APPLICANT: RAZ, Eyal R.
; APPLICANT: KOBAYASHI, Hiroko
; TITLE OF INVENTION: METHOD FOR ENHANCING AN IMMUNE RESPONSE
; FILE REFERENCE: 30448.64US01
; CURRENT APPLICATION NUMBER: US/10/253,117
; CURRENT FILING DATE: 2002-09-23
; PRIOR APPLICATION NUMBER: US/09/347,343
; PRIOR FILING DATE: 1999-07-02
; NUMBER OF SEQ ID NOS: 40
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 1
; LENGTH: 6
; TYPE: DNA
; ORGANISM: synthetic oligonucleotide
US-10-253-117-1

Query Match 30.0%; Score 3; DB 6; Length 6;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2 RRC 4
|||
Db 1 RRC 3

RESULT 102

US-10-253-117-1/c
; Sequence 1, Application US/10253117
; Publication No. US20030119773A1
; GENERAL INFORMATION:
; APPLICANT: RAZ, Eyal R.
; APPLICANT: KOBAYASHI, Hiroko
; TITLE OF INVENTION: METHOD FOR ENHANCING AN IMMUNE RESPONSE
; FILE REFERENCE: 30448.64US01
; CURRENT APPLICATION NUMBER: US/10/253,117
; CURRENT FILING DATE: 2002-09-23
; PRIOR APPLICATION NUMBER: US/09/347,343
; PRIOR FILING DATE: 1999-07-02
; NUMBER OF SEQ ID NOS: 40
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 1
; LENGTH: 6
; TYPE: DNA
; ORGANISM: synthetic oligonucleotide
US-10-253-117-1

Query Match 30.0%; Score 3; DB 6; Length 6;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2 RRC 4
|||
Db 6 RRC 4

RESULT 103

US-10-253-117-2
; Sequence 2, Application US/10253117
; Publication No. US20030119773A1
; GENERAL INFORMATION:
; APPLICANT: RAZ, Eyal R.
; APPLICANT: KOBAYASHI, Hiroko
; TITLE OF INVENTION: METHOD FOR ENHANCING AN IMMUNE RESPONSE
; FILE REFERENCE: 30448.64US01
; CURRENT APPLICATION NUMBER: US/10/253,117
; CURRENT FILING DATE: 2002-09-23
; PRIOR APPLICATION NUMBER: US/09/347,343
; PRIOR FILING DATE: 1999-07-02
; NUMBER OF SEQ ID NOS: 40
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 2
; LENGTH: 6
; TYPE: DNA
; ORGANISM: synthetic oligonucleotide
US-10-253-117-2

Query Match 30.0%; Score 3; DB 6; Length 6;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 7 GYY 9
|||
Db 4 GYY 6

RESULT 104

US-10-253-117-2/c
; Sequence 2, Application US/10253117
; Publication No. US20030119773A1
; GENERAL INFORMATION:
; APPLICANT: RAZ, Eyal R.
; APPLICANT: KOBAYASHI, Hiroko
; TITLE OF INVENTION: METHOD FOR ENHANCING AN IMMUNE RESPONSE
; FILE REFERENCE: 30448.64US01
; CURRENT APPLICATION NUMBER: US/10/253,117
; CURRENT FILING DATE: 2002-09-23
; PRIOR APPLICATION NUMBER: US/09/347,343
; PRIOR FILING DATE: 1999-07-02

; NUMBER OF SEQ ID NOS: 40
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 2
; LENGTH: 6
; TYPE: DNA
; ORGANISM: synthetic oligonucleotide
US-10-253-117-2

Query Match 30.0%; Score 3; DB 6; Length 6;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2 RRC 4
Db |||
6 RRC 4

RESULT 105
US-10-290-545-27
; Sequence 27, Application US/10290545
; Publication No. US20030125292A1
; GENERAL INFORMATION:
; APPLICANT: Klimuk, Sandy
; APPLICANT: Yuan, Zuan-Ning
; TITLE OF INVENTION: Improved Mucosal Vaccines and Methods for Using the Same
; FILE REFERENCE: A-71854/TAL/AXG
; CURRENT APPLICATION NUMBER: US/10/290,545
; CURRENT FILING DATE: 2002-11-07
; NUMBER OF SEQ ID NOS: 30
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 27
; LENGTH: 6
; TYPE: DNA
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: synthetic
US-10-290-545-27

Query Match 30.0%; Score 3; DB 6; Length 6;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2 RRC 4
Db |||
1 RRC 3

RESULT 106
US-10-290-545-27/c
; Sequence 27, Application US/10290545
; Publication No. US20030125292A1
; GENERAL INFORMATION:
; APPLICANT: Klimuk, Sandy
; APPLICANT: Yuan, Zuan-Ning
; TITLE OF INVENTION: Improved Mucosal Vaccines and Methods for Using the Same
; FILE REFERENCE: A-71854/TAL/AXG
; CURRENT APPLICATION NUMBER: US/10/290,545
; CURRENT FILING DATE: 2002-11-07
; NUMBER OF SEQ ID NOS: 30
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 27
; LENGTH: 6
; TYPE: DNA
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: synthetic
US-10-290-545-27

Query Match 30.0%; Score 3; DB 6; Length 6;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2 RRC 4
Db |||
6 RRC 4

RESULT 107
US-10-437-263-27
; Sequence 27, Application US/10437263
; Publication No. US20040009943A1
; GENERAL INFORMATION:
; APPLICANT: Semple, Sean
; APPLICANT: Tam, Ying K.
; APPLICANT: Chikh, Ghania
; APPLICANT: Hope, Michael J.
; TITLE OF INVENTION: PATHOGEN VACCINES AND METHODS FOR USING THE SAME
; FILE REFERENCE: A-72216/TAL
; CURRENT APPLICATION NUMBER: US/10/437,263
; CURRENT FILING DATE: 2003-05-12
; PRIOR APPLICATION NUMBER: 60/379,343
; PRIOR FILING DATE: 2002-05-10
; PRIOR APPLICATION NUMBER: 60/460,646
; PRIOR FILING DATE: 2003-04-04
; PRIOR APPLICATION NUMBER: 60/454,298
; PRIOR FILING DATE: 2003-03-12
; NUMBER OF SEQ ID NOS: 34
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 27
; LENGTH: 6
; TYPE: DNA
; ORGANISM: Artificial
; FEATURE:
; OTHER INFORMATION: synthetic
US-10-437-263-27

Query Match 30.0%; Score 3; DB 6; Length 6;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2 RRC 4
Db |||
1 RRC 3

RESULT 108
US-10-437-263-27/c
; Sequence 27, Application US/10437263
; Publication No. US20040009943A1
; GENERAL INFORMATION:
; APPLICANT: Semple, Sean
; APPLICANT: Tam, Ying K.
; APPLICANT: Chikh, Ghania
; APPLICANT: Hope, Michael J.
; TITLE OF INVENTION: PATHOGEN VACCINES AND METHODS FOR USING THE SAME
; FILE REFERENCE: A-72216/TAL
; CURRENT APPLICATION NUMBER: US/10/437,263
; CURRENT FILING DATE: 2003-05-12
; PRIOR APPLICATION NUMBER: 60/379,343
; PRIOR FILING DATE: 2002-05-10
; PRIOR APPLICATION NUMBER: 60/460,646
; PRIOR FILING DATE: 2003-04-04
; PRIOR APPLICATION NUMBER: 60/454,298
; PRIOR FILING DATE: 2003-03-12
; NUMBER OF SEQ ID NOS: 34
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 27
; LENGTH: 6
; TYPE: DNA
; ORGANISM: Artificial
; FEATURE:
; OTHER INFORMATION: synthetic
US-10-437-263-27

```
Query Match          30.0%; Score 3; DB 6; Length 6;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      2 RRC 4
Db      6 RRC 4

RESULT 109
US-10-437-275-27
; Sequence 27, Application US/10437275
; Publication No. US20040009944A1
; GENERAL INFORMATION:
; APPLICANT: Tam, Ying K.
; APPLICANT: Semple, Sean
; APPLICANT: Klimuk, Sandra
; APPLICANT: Chikh, Ghania
; TITLE OF INVENTION: METHYLATED IMMUNOSTIMULATORY OLIGONUCLEOTIDES AND METHODS OF
; TITLE OF INVENTION: USING THE SAME
; FILE REFERENCE: A-72158/TAL
; CURRENT FILING DATE: 2003-05-12
; PRIOR APPLICATION NUMBER: 60/379,343
; PRIOR FILING DATE: 2002-05-10
; PRIOR APPLICATION NUMBER: 60/460,646
; PRIOR FILING DATE: 2003-04-04
; PRIOR APPLICATION NUMBER: 10/290,545
; PRIOR FILING DATE: 2002-11-07
; NUMBER OF SEQ ID NOS: 32
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 27
; LENGTH: 6
; TYPE: DNA
; ORGANISM: Artificial
; FEATURE:
; OTHER INFORMATION: synthetic
US-10-437-275-27

Query Match          30.0%; Score 3; DB 6; Length 6;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      2 RRC 4
Db      1 RRC 3

RESULT 110
US-10-437-275-27/c
; Sequence 27, Application US/10437275
; Publication No. US20040009944A1
; GENERAL INFORMATION:
; APPLICANT: Tam, Ying K.
; APPLICANT: Semple, Sean
; APPLICANT: Klimuk, Sandra
; APPLICANT: Chikh, Ghania
; TITLE OF INVENTION: METHYLATED IMMUNOSTIMULATORY OLIGONUCLEOTIDES AND METHODS OF
; TITLE OF INVENTION: USING THE SAME
; FILE REFERENCE: A-72158/TAL
; CURRENT FILING DATE: 2003-05-12
; PRIOR APPLICATION NUMBER: 60/379,343
; PRIOR FILING DATE: 2002-05-10
; PRIOR APPLICATION NUMBER: 60/460,646
; PRIOR FILING DATE: 2003-04-04
; PRIOR APPLICATION NUMBER: 10/290,545
; PRIOR FILING DATE: 2002-11-07
; NUMBER OF SEQ ID NOS: 32
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 27
; LENGTH: 6
; TYPE: DNA
; ORGANISM: Artificial
; FEATURE:
; OTHER INFORMATION: synthetic
US-10-437-275-27/c
```

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; ORGANISM: Artificial
; FEATURE:
; OTHER INFORMATION: synthetic
US-10-437-275-27

Query Match          30.0%; Score 3; DB 6; Length 6;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      2 RRC 4
Db      6 RRC 4

RESULT 111
US-10-437-258-27
; Sequence 27, Application US/10437258
; Publication No. US20040013649A1
; GENERAL INFORMATION:
; APPLICANT: Tam, Ying K.
; APPLICANT: Semple, Sean
; APPLICANT: Klimuk, Sandra
; APPLICANT: Chikh, Ghania
; TITLE OF INVENTION: CANCER VACCINES AND METHODS OF USING THE SAME
; FILE REFERENCE: A-72252/TAL
; CURRENT APPLICATION NUMBER: US/10/437,258
; CURRENT FILING DATE: 2003-05-12
; PRIOR APPLICATION NUMBER: 60/379,343
; PRIOR FILING DATE: 2002-05-10
; PRIOR APPLICATION NUMBER: 60/460,646
; PRIOR FILING DATE: 2003-04-04
; PRIOR APPLICATION NUMBER: 60/454,298
; PRIOR FILING DATE: 2003-03-12
; NUMBER OF SEQ ID NOS: 34
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 27
; LENGTH: 6
; TYPE: DNA
; ORGANISM: Artificial
; FEATURE:
; OTHER INFORMATION: synthetic
US-10-437-258-27

Query Match          30.0%; Score 3; DB 6; Length 6;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      2 RRC 4
Db      1 RRC 3

RESULT 112
US-10-437-258-27/c
; Sequence 27, Application US/10437258
; Publication No. US20040013649A1
; GENERAL INFORMATION:
; APPLICANT: Tam, Ying K.
; APPLICANT: Semple, Sean
; APPLICANT: Klimuk, Sandra
; APPLICANT: Chikh, Ghania
; TITLE OF INVENTION: CANCER VACCINES AND METHODS OF USING THE SAME
; FILE REFERENCE: A-72252/TAL
; CURRENT APPLICATION NUMBER: US/10/437,258
; CURRENT FILING DATE: 2003-05-12
; PRIOR APPLICATION NUMBER: 60/379,343
; PRIOR FILING DATE: 2002-05-10
; PRIOR APPLICATION NUMBER: 60/460,646
; PRIOR FILING DATE: 2003-04-04
; PRIOR APPLICATION NUMBER: 60/454,298
; PRIOR FILING DATE: 2003-03-12
; NUMBER OF SEQ ID NOS: 34
; SOFTWARE: PatentIn version 3.2
```



```
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 27
; LENGTH: 6
; TYPE: DNA
; ORGANISM: Artificial
; FEATURE:
; OTHER INFORMATION: synthetic
US-10-437-258-27

Query Match          30.0%; Score 3; DB 6; Length 6;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      2 RRC 4
Db      6 RRC 4

RESULT 113
US-10-899-771-27
; Sequence 27, Application US/10899771
; Publication No. US20050031638A1
; GENERAL INFORMATION:
; APPLICANT: Dalemans, Wilfried L.J.
; APPLICANT: Gerard, Catherine Marie Ghislaine
; TITLE OF INVENTION: Compositions Comprising Human Papilloma Virus Proteins
; TITLE OF INVENTION: and Fusion Proteins Adjuvanted with a CpG Oligonucleotide
; FILE REFERENCE: B45124
; CURRENT APPLICATION NUMBER: US/10/899,771
; CURRENT FILING DATE: 2004-07-27
; PRIOR APPLICATION NUMBER: US/09/581,976
; PRIOR FILING DATE: 2000-06-20
; PRIOR APPLICATION NUMBER: PCT/EP98/08563
; PRIOR FILING DATE: 1998-12-18
; PRIOR APPLICATION NUMBER: GB 9727262.9
; PRIOR FILING DATE: 1997-12-24
; NUMBER OF SEQ ID NOS: 28
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 27
; LENGTH: 6
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic
US-10-899-771-27

Query Match          30.0%; Score 3; DB 8; Length 6;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      2 RRC 4
Db      6 RRC 4

RESULT 114
US-10-899-771-27/c
; Sequence 27, Application US/10899771
; Publication No. US20050031638A1
; GENERAL INFORMATION:
; APPLICANT: Dalemans, Wilfried L.J.
; APPLICANT: Gerard, Catherine Marie Ghislaine
; TITLE OF INVENTION: Compositions Comprising Human Papilloma Virus Proteins
; TITLE OF INVENTION: and Fusion Proteins Adjuvanted with a CpG Oligonucleotide
; FILE REFERENCE: B45124
; CURRENT APPLICATION NUMBER: US/10/899,771
; CURRENT FILING DATE: 2004-07-27
; PRIOR APPLICATION NUMBER: US/09/581,976
; PRIOR FILING DATE: 2000-06-20
; PRIOR APPLICATION NUMBER: PCT/EP98/08563
; PRIOR FILING DATE: 1998-12-18
; PRIOR APPLICATION NUMBER: GB 9727262.9
; PRIOR FILING DATE: 1997-12-24
; NUMBER OF SEQ ID NOS: 28

; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 27
; LENGTH: 6
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic
US-10-899-771-27/c

Query Match          30.0%; Score 3; DB 8; Length 6;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      2 RRC 4
Db      1 RRC 3

RESULT 115
US-10-963-999-28
; Sequence 28, Application US/10963999
; Publication No. US20050191342A1
; GENERAL INFORMATION:
; APPLICANT: Tam, Ying K.
; APPLICANT: Chikh, Ghania
; APPLICANT: Sekirov, Laura
; APPLICANT: Brodsky, Irina
; APPLICANT: Raney, Sameersingh G.
; TITLE OF INVENTION: Methods and Compositions for Enhancing Innate Immunity and
; TITLE OF INVENTION: Antibody Dependent Cellular Cytotoxicity
; FILE REFERENCE: 33687/US/3 (454892-00056)
; CURRENT APPLICATION NUMBER: US/10/963,999
; CURRENT FILING DATE: 2004-10-12
; PRIOR APPLICATION NUMBER: US 60/616,161
; PRIOR FILING DATE: 2004-10-04
; PRIOR APPLICATION NUMBER: US 60/542,754
; PRIOR FILING DATE: 2004-02-06
; PRIOR APPLICATION NUMBER: US 60/510,799
; PRIOR FILING DATE: 2003-10-11
; NUMBER OF SEQ ID NOS: 33
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 28
; LENGTH: 6
; TYPE: DNA
; ORGANISM: Artificial
; FEATURE:
; OTHER INFORMATION: Synthetic
US-10-963-999-28

Query Match          30.0%; Score 3; DB 9; Length 6;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      2 RRC 4
Db      1 RRC 3

RESULT 116
US-10-963-999-28/c
; Sequence 28, Application US/10963999
; Publication No. US20050191342A1
; GENERAL INFORMATION:
; APPLICANT: Tam, Ying K.
; APPLICANT: Chikh, Ghania
; APPLICANT: Sekirov, Laura
; APPLICANT: Brodsky, Irina
; APPLICANT: Raney, Sameersingh G.
; TITLE OF INVENTION: Methods and Compositions for Enhancing Innate Immunity and
; TITLE OF INVENTION: Antibody Dependent Cellular Cytotoxicity
; FILE REFERENCE: 33687/US/3 (454892-00056)
; CURRENT APPLICATION NUMBER: US/10/963,999
; CURRENT FILING DATE: 2004-10-12
```

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; PRIOR APPLICATION NUMBER: US 60/516,161
; PRIOR FILING DATE: 2004-10-04
; PRIOR APPLICATION NUMBER: US 60/542,754
; PRIOR FILING DATE: 2004-02-06
; PRIOR APPLICATION NUMBER: US 60/510,799
; PRIOR FILING DATE: 2003-10-11
; NUMBER OF SEQ ID NOS: 33
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 28
; LENGTH: 6
; TYPE: DNA
; ORGANISM: Artificial
; FEATURE:
; OTHER INFORMATION: Synthetic
US-10-963-999-28

Query Match      30.0%; Score 3; DB 9; Length 6;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2 RRC 4
Db 6 RRC 4

RESULT 117
US-09-816-763-16
; Sequence 16, Application US/09816763
; Patent No. US20020110814A1
; GENERAL INFORMATION:
; APPLICANT: Remacle, Jose
; APPLICANT: Renard, Patricia
; APPLICANT: Art, Muriel
; TITLE OF INVENTION: METHOD AND KIT FOR THE SCREENING, THE
; TITLE OF INVENTION: DETECTION AND/OR THE QUANTIFICATION OF TRANSCRIPTIONAL
; FILE REFERENCE: VANW212.001AUS
; CURRENT APPLICATION NUMBER: US/09/816,763
; CURRENT FILING DATE: 2001-03-23
; PRIOR APPLICATION NUMBER: EP 00870057.7
; PRIOR FILING DATE: 2000-03-24
; NUMBER OF SEQ ID NOS: 150
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 16
; LENGTH: 8
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Consensus sequence for transcriptional factor
; OTHER INFORMATION: C/EBP
US-09-816-763-16

Query Match      30.0%; Score 3; DB 3; Length 8;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 5 WVG 7
Db 6 WVG 8

RESULT 118
US-09-816-763-16/c
; Sequence 16, Application US/09816763
; Patent No. US20020110814A1
; GENERAL INFORMATION:
; APPLICANT: Remacle, Jose
; APPLICANT: Renard, Patricia
; APPLICANT: Art, Muriel
; TITLE OF INVENTION: METHOD AND KIT FOR THE SCREENING, THE
; TITLE OF INVENTION: DETECTION AND/OR THE QUANTIFICATION OF TRANSCRIPTIONAL
; FILE REFERENCE: VANW212.001AUS
; CURRENT APPLICATION NUMBER: US/09/816,763

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; CURRENT APPLICATION NUMBER: US/09/816,763
; CURRENT FILING DATE: 2001-03-23
; PRIOR APPLICATION NUMBER: EP 00870057.7
; PRIOR FILING DATE: 2000-03-24
; NUMBER OF SEQ ID NOS: 150
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 16
; LENGTH: 8
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Consensus sequence for transcriptional factor
; OTHER INFORMATION: C/EBP
US-09-816-763-16

Query Match      30.0%; Score 3; DB 3; Length 8;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 4 CWV 6
Db 8 CWV 6

RESULT 119
US-09-816-763-32
; Sequence 32, Application US/09816763
; Patent No. US20020110814A1
; GENERAL INFORMATION:
; APPLICANT: Remacle, Jose
; APPLICANT: Renard, Patricia
; APPLICANT: Art, Muriel
; TITLE OF INVENTION: METHOD AND KIT FOR THE SCREENING, THE
; TITLE OF INVENTION: DETECTION AND/OR THE QUANTIFICATION OF TRANSCRIPTIONAL
; FILE REFERENCE: VANW212.001AUS
; CURRENT APPLICATION NUMBER: US/09/816,763
; CURRENT FILING DATE: 2001-03-23
; PRIOR APPLICATION NUMBER: EP 00870057.7
; PRIOR FILING DATE: 2000-03-24
; NUMBER OF SEQ ID NOS: 150
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 32
; LENGTH: 8
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Consensus sequence for transcriptional factor
; OTHER INFORMATION: Ets-1
US-09-816-763-32

Query Match      30.0%; Score 3; DB 3; Length 8;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 6 WGY 8
Db 6 WGY 8

RESULT 120
US-09-816-763-32/c
; Sequence 32, Application US/09816763
; Patent No. US20020110814A1
; GENERAL INFORMATION:
; APPLICANT: Remacle, Jose
; APPLICANT: Renard, Patricia
; APPLICANT: Art, Muriel
; TITLE OF INVENTION: METHOD AND KIT FOR THE SCREENING, THE
; TITLE OF INVENTION: DETECTION AND/OR THE QUANTIFICATION OF TRANSCRIPTIONAL
; FILE REFERENCE: VANW212.001AUS
; CURRENT APPLICATION NUMBER: US/09/816,763

```

;
; CURRENT FILING DATE: 2001-03-23
; PRIOR APPLICATION NUMBER: EP 00870057.7
; PRIOR FILING DATE: 2000-03-24
; NUMBER OF SEQ ID NOS: 150
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 32
; LENGTH: 8
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Consensus sequence for transcriptional factor
; OTHER INFORMATION: Ets-1
US-09-816-763-32

Query Match 30.0%; Score 3; DB 3; Length 8;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 3 RCW 5
|||
Db 8 RCW 6

RESULT 121
US-09-798-883B-56
; Sequence 56, Application US/09798883B
; Publication No. US20030159159A1
; GENERAL INFORMATION:
; APPLICANT: LINNIK, Matthew
; APPLICANT: RACKE, Margaret
; APPLICANT: KRAKOWSKY, Joan
; APPLICANT: SUBRAMANIAM, Arun
; TITLE OF INVENTION: Human Nerve Growth Factor Exon 1 and Exon 3 Promoters
; FILE REFERENCE: HMR2002C US DIV
; CURRENT APPLICATION NUMBER: US/09/798,883B
; CURRENT FILING DATE: 2001-03-02
; NUMBER OF SEQ ID NOS: 84
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 56
; LENGTH: 8
; TYPE: DNA
; ORGANISM: Artificial
; FEATURE:
; OTHER INFORMATION: Consensus Binding Motif in Human Nerve Growth Factor Exon 1 and 3
; OTHER INFORMATION: Promoter
; FEATURE:
; NAME/KEY: misc_feature
; OTHER INFORMATION: w=a or t
US-09-798-883B-56

Query Match 30.0%; Score 3; DB 3; Length 8;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 5 MWG 7
|||
Db 6 MWG 8

RESULT 122
US-09-798-883B-56/c
; Sequence 56, Application US/09798883B
; Publication No. US20030159159A1
; GENERAL INFORMATION:
; APPLICANT: LINNIK, Matthew
; APPLICANT: RACKE, Margaret
; APPLICANT: KRAKOWSKY, Joan
; APPLICANT: SUBRAMANIAM, Arun
; TITLE OF INVENTION: Human Nerve Growth Factor Exon 1 and Exon 3 Promoters
; FILE REFERENCE: HMR2002C US DIV
; CURRENT APPLICATION NUMBER: US/09/798,883B
; CURRENT FILING DATE: 2001-03-02
; NUMBER OF SEQ ID NOS: 84

;
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 56
; LENGTH: 8
; TYPE: DNA
; ORGANISM: Artificial
; FEATURE:
; OTHER INFORMATION: Consensus Binding Motif in Human Nerve Growth Factor Exon 1 and 3
; OTHER INFORMATION: Promoter
; FEATURE:
; NAME/KEY: misc_feature
; OTHER INFORMATION: w=a or t
US-09-798-883B-56

Query Match 30.0%; Score 3; DB 3; Length 8;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 4 CWW 6
|||
Db 8 CWW 6

RESULT 123
US-09-326-885-56
; Sequence 56, Application US/09326885
; Publication No. US20030192065A1
; GENERAL INFORMATION:
; APPLICANT: LINNIK, Matthew D
; APPLICANT: RACKE, Margaret M
; APPLICANT: KRAKOWSKY, Joan M
; APPLICANT: SUBRAMANIAM, Arun
; TITLE OF INVENTION: Human Nerve Growth Factor Exon 1 and Exon 3 Promoters
; NUMBER OF SEQUENCES: 84
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Hoechst Marion Roussel, Inc.
; STREET: 2110 East Galbraith Road, P.O. Box 156300
; CITY: Cincinnati
; STATE: Ohio
; COUNTRY: United States of America
; ZIP: 45215-6300
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/326,885
; FILING DATE: 07-Jun-1999
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/09/020,179
; FILING DATE: <Unknown>
; APPLICATION NUMBER: US 60/038,212
; FILING DATE: 06-FEB-1997
; ATTORNEY/AGENT INFORMATION:
; NAME: Payne, T. Helen
; REGISTRATION NUMBER: 36,889
; REFERENCE/DOCKET NUMBER: HMR2002A
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 513 948-7183
; TELEFAX: 513 948-7961/4681
; TELEX: 214320
; INFORMATION FOR SEQ ID NO: 56:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 8 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: double
; TOPOLOGY: unknown
; MOLECULE TYPE: DNA (genomic)
; SEQUENCE DESCRIPTION: SEQ ID NO: 56:
US-09-326-885-56

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Query Match      30.0%; Score 3; DB 3; Length 8;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 5 WWG 7
Db 6 WWG 8

RESULT 124
US-09-326-885-56/c
; Sequence 56, Application US/09326885
; Publication No. US20030192065A1
; GENERAL INFORMATION:
; APPLICANT: Linnik, Matthew D
; Racke, Margaret M
; Krakowsky, Joan M
; Subramaniam, Arun
; TITLE OF INVENTION: Human Nerve Growth Factor Exon 1 and
; Exon 3 Promoters
; NUMBER OF SEQUENCES: 84
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Hoechst Marion Roussel, Inc.
; STREET: 2110 East Galbraith Road, P.O. Box 156300
; CITY: Cincinnati
; STATE: Ohio
; COUNTRY: United States of America
; ZIP: 45215-6300
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/326,885
; FILING DATE: 07-Jun-1999
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/09/020,179
; FILING DATE: <Unknown>
; APPLICATION NUMBER: US 60/038,212
; FILING DATE: 06-FEB-1997
; ATTORNEY/AGENT INFORMATION:
; NAME: Payne, T. Helen
; REGISTRATION NUMBER: 36,889
; REFERENCE/DOCKET NUMBER: HMR2002A
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 513 948-7183
; TELEFAX: 513 948-7961/4681
; TELEX: 214320
; INFORMATION FOR SEQ ID NO: 56:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 8 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: double
; TOPOLOGY: unknown
; MOLECULE TYPE: DNA (genomic)
; SEQUENCE DESCRIPTION: SEQ ID NO: 56:
US-09-326-885-56

Query Match      30.0%; Score 3; DB 3; Length 8;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 4 CWW 6
Db 8 CWW 6

RESULT 125
US-10-253-117-3
; Sequence 3, Application US/10253117
; Publication No. US2003019773A1
; GENERAL INFORMATION:
; APPLICANT: RAZ, Eyal R.
; TITLE OF INVENTION: METHOD FOR ENHANCING AN IMMUNE RESPONSE
; FILE REFERENCE: 30448.64US01
; CURRENT APPLICATION NUMBER: US/10/253,117
; CURRENT FILING DATE: 2002-09-23
; PRIOR APPLICATION NUMBER: US/09/347,343
; PRIOR FILING DATE: 1999-07-02
; NUMBER OF SEQ ID NOS: 40
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 3
; LENGTH: 8
; TYPE: DNA
; ORGANISM: synthetic oligonucleotide
US-10-253-117-3/c
; Sequence 3, Application US/10253117
; Publication No. US2003019773A1
; GENERAL INFORMATION:
; APPLICANT: RAZ, Eyal R.
; TITLE OF INVENTION: METHOD FOR ENHANCING AN IMMUNE RESPONSE
; FILE REFERENCE: 30448.64US01
; CURRENT APPLICATION NUMBER: US/10/253,117
; CURRENT FILING DATE: 2002-09-23
; PRIOR APPLICATION NUMBER: US/09/347,343
; PRIOR FILING DATE: 1999-07-02
; NUMBER OF SEQ ID NOS: 40
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 3
; LENGTH: 8
; TYPE: DNA
; ORGANISM: synthetic oligonucleotide
US-10-253-117-3
; Sequence 4, Application US/10253117
; Publication No. US2003019773A1
; GENERAL INFORMATION:
; APPLICANT: RAZ, Eyal R.
; TITLE OF INVENTION: METHOD FOR ENHANCING AN IMMUNE RESPONSE
; FILE REFERENCE: 30448.64US01
; CURRENT APPLICATION NUMBER: US/10/253,117
; CURRENT FILING DATE: 2002-09-23
; PRIOR APPLICATION NUMBER: US/09/347,343
; PRIOR FILING DATE: 1999-07-02
; NUMBER OF SEQ ID NOS: 40
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 4
; LENGTH: 8
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```
; APPLICATION NUMBER: US 08/485,049
; FILING DATE: 07-JUN-1995
; APPLICATION NUMBER: US 08/260,190
; FILING DATE: 15-JUN-1994
; ATTORNEY/AGENT INFORMATION:
; NAME: Lauder, Leona L.
; REGISTRATION NUMBER: 30,863
; REFERENCE/DOCKET NUMBER: D-0021.3E
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 415-981-2034
; TELEFAX: 415-981-0332
; INFORMATION FOR SEQ ID NO: 23:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 10 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; DESCRIPTION: Initiator consensus sequence
US-09-772-719-23

Query Match          30.0%; Score 3; DB 3; Length 10;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      8 YYY 10
Db      1 YYY 3

RESULT 132
US-09-772-719-23/c
; Sequence 23, Application US/09772719
; Patent No. US20020137910A1
; GENERAL INFORMATION:
; APPLICANT: Zavada, Jan
; APPLICANT: Pastorekova, Silvia
; APPLICANT: Pastorek, Jaromir
; TITLE OF INVENTION: MN Gene and Protein
; NUMBER OF SEQUENCES: 86
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Leona L. Lauder
; STREET: 369 Pine Street
; CITY: San Francisco
; STATE: California
; COUNTRY: USA
; ZIP: 94104
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30 (EPO)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/772,719
; FILING DATE: 30-JAN-2001
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/485,049
; FILING DATE: 07-JUN-1995
; APPLICATION NUMBER: US 08/260,190
; FILING DATE: 15-JUN-1994
; ATTORNEY/AGENT INFORMATION:
; NAME: Lauder, Leona L.
; REGISTRATION NUMBER: 30,863
; REFERENCE/DOCKET NUMBER: D-0021.3E
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 415-981-2034
; TELEFAX: 415-981-0332
; INFORMATION FOR SEQ ID NO: 23:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 10 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; DESCRIPTION: Initiator consensus sequence
US-09-772-719-23

Query Match          30.0%; Score 3; DB 3; Length 10;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      8 YYY 10
Db      1 YYY 3

RESULT 133
US-09-967-237-23
; Sequence 23, Application US/09967237
; Publication No. US20030049828A1
; GENERAL INFORMATION:
; APPLICANT: Zavada, Jan
; APPLICANT: Pastorekova, Silvia
; APPLICANT: Pastorek, Jaromir
; TITLE OF INVENTION: MN Gene and Protein
; FILE REFERENCE: D-0021.5B-2
; CURRENT APPLICATION NUMBER: US/09/967,237
; CURRENT FILING DATE: 2001-09-27
; PRIOR APPLICATION NUMBER: 09/178,115
; PRIOR FILING DATE: 1998-10-23
; NUMBER OF SEQ ID NOS: 116
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 23
; LENGTH: 10
; TYPE: DNA
; ORGANISM: HUMAN
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (1)..(10)
US-09-967-237-23

Query Match          30.0%; Score 3; DB 3; Length 10;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      8 YYY 10
Db      1 YYY 3

RESULT 134
US-09-967-237-23/c
; Sequence 23, Application US/09967237
; Publication No. US20030049828A1
; GENERAL INFORMATION:
; APPLICANT: Zavada, Jan
; APPLICANT: Pastorekova, Silvia
; APPLICANT: Pastorek, Jaromir
; TITLE OF INVENTION: MN Gene and Protein
; FILE REFERENCE: D-0021.5B-2
; CURRENT APPLICATION NUMBER: US/09/967,237
; CURRENT FILING DATE: 2001-09-27
; PRIOR APPLICATION NUMBER: 09/178,115
; PRIOR FILING DATE: 1998-10-23
; NUMBER OF SEQ ID NOS: 116
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 23
; LENGTH: 10
; TYPE: DNA
; ORGANISM: HUMAN
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (1)..(10)
US-09-967-237-23
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Query Match      30.0%; Score 3; DB 3; Length 10;
Best Local Similarity 100.0%; Pred.No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 RRR 3
    |||
Db 10 RRR 8

RESULT 135
US-10-124-759-3
; Sequence 3, Application US/10124759
; Publication No. US20030055017A1
; GENERAL INFORMATION:
; APPLICANT: Schwartz, Robert J.
; APPLICANT: Draghia-Akli, Ruxandra
; APPLICANT: Li, Xuyang
; APPLICANT: Eastman, Eric
; TITLE OF INVENTION: GHRH Expression System and Methods of Use
; FILE REFERENCE: 236/006 GeneMedicine
; CURRENT APPLICATION NUMBER: US/10/124,759
; CURRENT FILING DATE: 2002-04-16
; PRIOR APPLICATION NUMBER: US/09/122,171
; PRIOR FILING DATE: 1998-07-24
; PRIOR APPLICATION NUMBER: 60/053,609
; PRIOR FILING DATE: 1997-07-24
; NUMBER OF SEQ ID NOS: 15
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 3
; LENGTH: 10
; TYPE: DNA
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: The inner core of the serum response element
; NAME/KEY: misc_feature
; LOCATION: (3)..(8)
; OTHER INFORMATION: The letter "w" stands for a or t
US-10-124-759-3

Query Match      30.0%; Score 3; DB 5; Length 10;
Best Local Similarity 100.0%; Pred.No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 4 CW 6
    |||
Db 2 CW 4

RESULT 136
US-10-124-759-3/c
; Sequence 3, Application US/10124759
; Publication No. US20030055017A1
; GENERAL INFORMATION:
; APPLICANT: Schwartz, Robert J.
; APPLICANT: Draghia-Akli, Ruxandra
; APPLICANT: Li, Xuyang
; APPLICANT: Eastman, Eric
; TITLE OF INVENTION: GHRH Expression System and Methods of Use
; FILE REFERENCE: 236/006 GeneMedicine
; CURRENT APPLICATION NUMBER: US/10/124,759
; CURRENT FILING DATE: 2002-04-16
; PRIOR APPLICATION NUMBER: US/09/122,171
; PRIOR FILING DATE: 1998-07-24
; PRIOR APPLICATION NUMBER: 60/053,609
; PRIOR FILING DATE: 1997-07-24
; NUMBER OF SEQ ID NOS: 15
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 3
; LENGTH: 10
; TYPE: DNA
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: Serum response element
US-10-338-587A-14

Query Match      30.0%; Score 3; DB 6; Length 10;
Best Local Similarity 100.0%; Pred.No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 4 CW 6
    |||
Db 2 CW 4

RESULT 137
US-10-338-587A-14
; Sequence 14, Application US/10338587A
; Publication No. US20040005319A1
; GENERAL INFORMATION:
; APPLICANT: THE UNIVERSITY OF SOUTH FLORIDA
; APPLICANT: GROTEENDORST, Gary R.
; APPLICANT: BRADHAM, Douglass M.
; TITLE OF INVENTION: CONNECTIVE TISSUE GROWTH FACTOR
; FILE REFERENCE: USF100-15
; CURRENT APPLICATION NUMBER: US/10/338,587A
; CURRENT FILING DATE: 2003-01-07
; PRIOR APPLICATION NUMBER: US 09/054,363
; PRIOR FILING DATE: 1998-04-02
; PRIOR APPLICATION NUMBER: US 08/459,717
; PRIOR FILING DATE: 1995-06-02
; PRIOR APPLICATION NUMBER: US 08/386,680
; PRIOR FILING DATE: 1995-02-10
; PRIOR APPLICATION NUMBER: US 08/167,628
; PRIOR FILING DATE: 1993-12-14
; PRIOR APPLICATION NUMBER: US 07/752,427
; PRIOR FILING DATE: 1991-08-30
; NUMBER OF SEQ ID NOS: 16
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 14
; LENGTH: 10
; TYPE: DNA
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: Serum response element
US-10-338-587A-14

Query Match      30.0%; Score 3; DB 6; Length 10;
Best Local Similarity 100.0%; Pred.No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 4 CW 6
    |||
Db 2 CW 4

RESULT 138
US-10-338-587A-14/c
; Sequence 14, Application US/10338587A
; Publication No. US20040005319A1
; GENERAL INFORMATION:
; APPLICANT: THE UNIVERSITY OF SOUTH FLORIDA
; APPLICANT: GROTEENDORST, Gary R.
; APPLICANT: BRADHAM, Douglass M.
; TITLE OF INVENTION: CONNECTIVE TISSUE GROWTH FACTOR
; FILE REFERENCE: USF100-15
; CURRENT APPLICATION NUMBER: US/10/338,587A
; CURRENT FILING DATE: 2003-01-07
; PRIOR APPLICATION NUMBER: US 09/054,363
; PRIOR FILING DATE: 1998-04-02
; PRIOR APPLICATION NUMBER: US 08/459,717
; PRIOR FILING DATE: 1995-06-02

```

; PRIOR APPLICATION NUMBER: US 08/386,680
; PRIOR FILING DATE: 1995-02-10
; PRIOR APPLICATION NUMBER: US 08/167,628
; PRIOR FILING DATE: 1993-12-14
; PRIOR APPLICATION NUMBER: US 07/752,427
; PRIOR FILING DATE: 1991-08-30
; NUMBER OF SEQ ID NOS: 16
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 14
; LENGTH: 10
; TYPE: DNA
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: Serum response element
US-10-338-587A-14

Query Match 30.0%; Score 3; DB 6; Length 10;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 4 CW 6
|||
Db 9 CW 7

RESULT 139
US-10-172-526-15
; Sequence 15, Application US/10172526
; Publication No. US20040006783A1
; GENERAL INFORMATION:
; APPLICANT: Yang, Zhenbiao
; APPLICANT: Bailey-Serres, Julia
; APPLICANT: Baxter-Burrell, Alrica
; APPLICANT: Wu, Guang
; APPLICANT: Vernoud, Vanessa
; TITLE OF INVENTION: The Regents of the University of California
; TITLE OF INVENTION: Compositions and Methods for Modulating RopGTPase
; TITLE OF INVENTION: Activity in Plants
; FILE REFERENCE: 023070-126000US
; CURRENT APPLICATION NUMBER: US/10/172,526
; CURRENT FILING DATE: 2002-09-16
; NUMBER OF SEQ ID NOS: 24
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 15
; LENGTH: 10
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: antioxidant
; OTHER INFORMATION: response element (ARE) consensus sequence
US-10-172-526-15

Query Match 30.0%; Score 3; DB 6; Length 10;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 5 WW 7
|||
Db 7 WW 9

RESULT 140
US-10-172-526-15/c
; Sequence 15, Application US/10172526
; Publication No. US20040006783A1
; GENERAL INFORMATION:
; APPLICANT: Yang, Zhenbiao
; APPLICANT: Bailey-Serres, Julia
; APPLICANT: Baxter-Burrell, Alrica
; APPLICANT: Wu, Guang
; APPLICANT: Vernoud, Vanessa
; APPLICANT: The Regents of the University of California
; TITLE OF INVENTION: Compositions and Methods for Modulating RopGTPase

; TITLE OF INVENTION: Activity in Plants
; FILE REFERENCE: 023070-126000US
; CURRENT APPLICATION NUMBER: US/10/172,526
; CURRENT FILING DATE: 2002-09-16
; NUMBER OF SEQ ID NOS: 24
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 15
; LENGTH: 10
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: antioxidant
; OTHER INFORMATION: response element (ARE) consensus sequence
US-10-172-526-15

Query Match 30.0%; Score 3; DB 6; Length 10;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 4 CW 6
|||
Db 9 CW 7

RESULT 141
US-10-689-006-32
; Sequence 32, Application US/10689006
; Publication No. US20040191249A1
; GENERAL INFORMATION:
; APPLICANT: Vanderbilt University
; APPLICANT: Hallahan, Dennis E
; APPLICANT: Merinaugh, Raymond
; TITLE OF INVENTION: PHAGE ANTIBODIES TO RADIATION-INDUCIBLE NEOANTIGENS
; FILE REFERENCE: 1242/72
; CURRENT APPLICATION NUMBER: US/10/689,006
; CURRENT FILING DATE: 2003-10-20
; PRIOR APPLICATION NUMBER: US 09/914,605
; PRIOR FILING DATE: 2001-08-30
; PRIOR APPLICATION NUMBER: US 10/259,087
; PRIOR FILING DATE: 2002-09-27
; NUMBER OF SEQ ID NOS: 34
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 32
; LENGTH: 10
; TYPE: DNA
; ORGANISM: Artificial
; FEATURE:
; OTHER INFORMATION: Serine-glycine-poly-tyrosine linking peptide
US-10-689-006-32

Query Match 30.0%; Score 3; DB 8; Length 10;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 8 YY 10
|||
Db 6 YY 8

RESULT 142
US-10-689-006-32/c
; Sequence 32, Application US/10689006
; Publication No. US20040191249A1
; GENERAL INFORMATION:
; APPLICANT: Vanderbilt University
; APPLICANT: Hallahan, Dennis E
; APPLICANT: Merinaugh, Raymond
; TITLE OF INVENTION: PHAGE ANTIBODIES TO RADIATION-INDUCIBLE NEOANTIGENS
; FILE REFERENCE: 1242/72
; CURRENT APPLICATION NUMBER: US/10/689,006
; CURRENT FILING DATE: 2003-10-20
; PRIOR APPLICATION NUMBER: US 09/914,605
; PRIOR FILING DATE: 2001-08-30

;; PRIOR APPLICATION NUMBER: US 10/259,087
;; PRIOR FILING DATE: 2002-09-27
;; NUMBER OF SEQ ID NOS: 34
;; SOFTWARE: PatentIn version 3.2
;; SEQ ID NO 32
;; LENGTH: 10
;; TYPE: DNA
;; ORGANISM: Artificial
;; FEATURE:
;; OTHER INFORMATION: Serine-glycine-poly-tyrosine linking peptide
US-10-689-006-32

Query Match 30.0%; Score 3; DB 8; Length 10;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 RRR 3
|||
DB 10 RRR 8

RESULT 143

US-10-888-694-23
; Sequence 23, Application US/10888694
; Publication No. US20050003425A1
; GENERAL INFORMATION:
; APPLICANT: Zavada, Jan
; Pastorekova, Silvia
; Pastorek, Jaromir
; TITLE OF INVENTION: MN Gene and Protein
; NUMBER OF SEQUENCES: 86
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Leona L. Lauder
; STREET: 465 California Street, Suite 450
; CITY: San Francisco
; STATE: California
; COUNTRY: USA
; ZIP: 94104
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30 (EPO)
; CURRENT APPLICATION NUMBER: US/10/888,694
; FILING DATE: 08-Jul-2004
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/09/772,719
; FILING DATE: 30-Jan-2001
; APPLICATION NUMBER: US 08/485,049
; FILING DATE: 07-JUN-1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Lauder, Leona L.
; REGISTRATION NUMBER: 30,863
; REFERENCE/DOCKET NUMBER: D-0021.3A-2
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 415-981-2034
; TELEFAX: 415-981-0332
; INFORMATION FOR SEQ ID NO: 23:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 10 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; DESCRIPTION: Initiator consensus sequence
; SEQUENCE DESCRIPTION: SEQ ID NO: 23:

US-10-888-694-23
Query Match 30.0%; Score 3; DB 8; Length 10;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 RRR 3
|||
DB 10 RRR 8
RESULT 145
US-10-759-740-1
; Sequence 1, Application US/10759740
; Publication No. US20050158613A1
; GENERAL INFORMATION:
; APPLICANT: Hu, Yinghe
; APPLICANT: Jiang, Cecilia
; TITLE OF INVENTION: UNIVERSAL G-PROTEIN COUPLED RECEPTOR CONSTRUCTS
; FILE REFERENCE: P1125US00

Query Match 30.0%; Score 3; DB 8; Length 10;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 8 YYY 10
|||
DB 1 YYY 3
RESULT 144
US-10-888-694-23/c
; Sequence 23, Application US/10888694
; Publication No. US20050003425A1
; GENERAL INFORMATION:
; APPLICANT: Zavada, Jan
; Pastorekova, Silvia
; Pastorek, Jaromir
; TITLE OF INVENTION: MN Gene and Protein
; NUMBER OF SEQUENCES: 86
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Leona L. Lauder
; STREET: 465 California Street, Suite 450
; CITY: San Francisco
; STATE: California
; COUNTRY: USA
; ZIP: 94104
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30 (EPO)
; CURRENT APPLICATION NUMBER: US/10/888,694
; FILING DATE: 08-Jul-2004
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/09/772,719
; FILING DATE: 30-Jan-2001
; APPLICATION NUMBER: US 08/485,049
; FILING DATE: 07-JUN-1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Lauder, Leona L.
; REGISTRATION NUMBER: 30,863
; REFERENCE/DOCKET NUMBER: D-0021.3A-2
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 415-981-2034
; TELEFAX: 415-981-0332
; INFORMATION FOR SEQ ID NO: 23:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 10 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; DESCRIPTION: Initiator consensus sequence
; SEQUENCE DESCRIPTION: SEQ ID NO: 23:
US-10-888-694-23
Query Match 30.0%; Score 3; DB 8; Length 10;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 RRR 3
|||
DB 10 RRR 8
RESULT 145
US-10-759-740-1
; Sequence 1, Application US/10759740
; Publication No. US20050158613A1
; GENERAL INFORMATION:
; APPLICANT: Hu, Yinghe
; APPLICANT: Jiang, Cecilia
; TITLE OF INVENTION: UNIVERSAL G-PROTEIN COUPLED RECEPTOR CONSTRUCTS
; FILE REFERENCE: P1125US00

; CURRENT APPLICATION NUMBER: US/10/759,740
; CURRENT FILING DATE: 2004-01-16
; NUMBER OF SEQ ID NOS: 5
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 1
; LENGTH: 10
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: misc.feature
; OTHER INFORMATION: "W" is "A" or "T"
US-10-759-740-1

Query Match 30.0%; Score 3; DB 9; Length 10;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 4 CWW 6
|||
DB 2 CWW 4

RESULT 146

US-10-759-740-1/c
; Sequence 1, Application US/10759740
; Publication No. US20050158813A1
; GENERAL INFORMATION:

; APPLICANT: Hu, Yinghe
; APPLICANT: Jiang, Cecilia
; TITLE OF INVENTION: UNIVERSAL G-PROTEIN COUPLED RECEPTOR REPORTER CONSTRUCTS
; FILE REFERENCE: P1125US00
; CURRENT APPLICATION NUMBER: US/10/759,740
; CURRENT FILING DATE: 2004-01-16
; NUMBER OF SEQ ID NOS: 5
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 1
; LENGTH: 10
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: misc.feature
; OTHER INFORMATION: "W" is "A" or "T"
US-10-759-740-1

Query Match 30.0%; Score 3; DB 9; Length 10;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 4 CWW 6
|||
DB 9 CWW 7

RESULT 147

US-10-759-740-2
; Sequence 2, Application US/10759740
; Publication No. US20050158813A1
; GENERAL INFORMATION:

; APPLICANT: Hu, Yinghe
; APPLICANT: Jiang, Cecilia
; TITLE OF INVENTION: UNIVERSAL G-PROTEIN COUPLED RECEPTOR REPORTER CONSTRUCTS
; FILE REFERENCE: P1125US00
; CURRENT APPLICATION NUMBER: US/10/759,740
; CURRENT FILING DATE: 2004-01-16
; NUMBER OF SEQ ID NOS: 5
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 2
; LENGTH: 10
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: misc.feature
; OTHER INFORMATION: "W" is "A" or "T"

US-10-759-740-2

Query Match 30.0%; Score 3; DB 9; Length 10;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 5 WWG 7
|||
DB 7 WWG 9

RESULT 148

US-10-759-740-2/c

; Sequence 2, Application US/10759740
; Publication No. US20050158813A1
; GENERAL INFORMATION:

; APPLICANT: Hu, Yinghe
; APPLICANT: Jiang, Cecilia
; TITLE OF INVENTION: UNIVERSAL G-PROTEIN COUPLED RECEPTOR REPORTER CONSTRUCTS
; FILE REFERENCE: P1125US00
; CURRENT APPLICATION NUMBER: US/10/759,740
; CURRENT FILING DATE: 2004-01-16
; NUMBER OF SEQ ID NOS: 5
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 2
; LENGTH: 10
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: misc.feature
; OTHER INFORMATION: "W" is "A" or "T"
US-10-759-740-2

Query Match 30.0%; Score 3; DB 9; Length 10;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 4 CWW 6
|||
DB 9 CWW 7

RESULT 149

US-10-833-951-5

; Sequence 5, Application US/10833951
; Publication No. US20050053970A1
; GENERAL INFORMATION:

; APPLICANT: BENSON, JOHN D.
; APPLICANT: VINCENT, SYLVIE M.
; APPLICANT: BRASHER, BRADLEY B.
; APPLICANT: MIAO, ZHENWEI
; APPLICANT: LAMMIN, DUDLEY
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR IDENTIFYING PEPTIDE AP TAMERS CAPABLE OF ALTERING A CELL PHENOTYPE
; FILE REFERENCE: 4014.1037 US2
; CURRENT APPLICATION NUMBER: US/10/833,951
; CURRENT FILING DATE: 2004-04-28
; PRIOR APPLICATION NUMBER: PCT/US02/35584
; PRIOR FILING DATE: 2002-11-06
; PRIOR APPLICATION NUMBER: 60/357,278
; PRIOR FILING DATE: 2002-02-14
; PRIOR APPLICATION NUMBER: 60/333,262
; PRIOR FILING DATE: 2001-11-06
; NUMBER OF SEQ ID NOS: 346
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 5
; LENGTH: 11
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic construct
US-10-833-951-5

```
Query Match      30.0%; Score 3; DB 9; Length 11;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      7 GYY 9
      |||
Db      2 GYY 4

RESULT 150
US-10-833-951-5/c
; Sequence 5, Application US/10833951
; Publication No. US20050053970A1
; GENERAL INFORMATION:
; APPLICANT: BENSON, JOHN D.
; APPLICANT: VINCENT, SYLVIE M.
; APPLICANT: BRASHER, BRADLEY B.
; APPLICANT: MIAO, ZHENWEI
; APPLICANT: LAMMIN, DUDLEY
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR IDENTIFYING PEPTIDE APPTAMERS CAPABLE
; TITLE OF INVENTION: OF ALTERING A CELL PHENOTYPE
; FILE REFERENCE: 4014.1037 US2
; CURRENT APPLICATION NUMBER: US/10/833,951
; PRIOR FILING DATE: 2004-04-28
; PRIOR APPLICATION NUMBER: PCT/US02/35584
; PRIOR FILING DATE: 2002-11-06
; PRIOR APPLICATION NUMBER: 60/357,278
; PRIOR FILING DATE: 2002-02-14
; PRIOR APPLICATION NUMBER: 60/333,262
; PRIOR FILING DATE: 2001-11-06
; NUMBER OF SEQ ID NOS: 346
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 5
; LENGTH: 11
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic construct
US-10-833-951-5

Query Match      30.0%; Score 3; DB 9; Length 11;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      2 RRC 4
      |||
Db      4 RRC 2

RESULT 151
US-10-333-878-14
; Sequence 14, Application US/10333878
; Publication No. US20050084849A1
; GENERAL INFORMATION:
; APPLICANT: DZGenes LLC
; TITLE OF INVENTION: DIAGNOSTIC POLYMORPHISMS FOR THE ecNOS PROMOTOR
; FILE REFERENCE: DZG2183.2
; CURRENT APPLICATION NUMBER: US/10/333,878
; PRIOR FILING DATE: 2003-01-24
; PRIOR APPLICATION NUMBER: US 60/220,662
; PRIOR FILING DATE: 2000-07-25
; PRIOR APPLICATION NUMBER: PCT/US01/23321
; PRIOR FILING DATE: 2001-07-25
; NUMBER OF SEQ ID NOS: 14
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 14
; LENGTH: 11
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: variation
; LOCATION: (8)..(8)
; OTHER INFORMATION: SNP replaces G in the core binding site with an A at this position
; OTHER INFORMATION: n=any nucleotide
US-10-333-878-14

Query Match      30.0%; Score 3; DB 9; Length 11;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      2 RRC 4
      |||
Db      4 RRC 2

RESULT 152
US-10-333-878-14/c
; Sequence 14, Application US/10333878
; Publication No. US20050084849A1
; GENERAL INFORMATION:
; APPLICANT: DZGenes LLC
; TITLE OF INVENTION: DIAGNOSTIC POLYMORPHISMS FOR THE ecNOS PROMOTOR
; FILE REFERENCE: DZG2183.2
; CURRENT APPLICATION NUMBER: US/10/333,878
; PRIOR FILING DATE: 2003-01-24
; PRIOR APPLICATION NUMBER: US 60/220,662
; PRIOR FILING DATE: 2000-07-25
; PRIOR APPLICATION NUMBER: PCT/US01/23321
; PRIOR FILING DATE: 2001-07-25
; NUMBER OF SEQ ID NOS: 14
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 14
; LENGTH: 11
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: variation
; LOCATION: (8)..(8)
; OTHER INFORMATION: SNP replaces G in the core binding site with an A at this position
; OTHER INFORMATION: n=any nucleotide
US-10-333-878-14

Query Match      30.0%; Score 3; DB 9; Length 11;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      2 RRC 4
      |||
Db      10 RRC 8

RESULT 153
US-10-359-050-3
; Sequence 3, Application US/10359050
; Publication No. US20030186291A1
; GENERAL INFORMATION:
; APPLICANT: EXELIXIS DEUTSCHLAND GMBH
; TITLE OF INVENTION: GENETICALLY ENGINEERED PHIC31-INTEGRASE GENES
; FILE REFERENCE: AR03-001
; CURRENT APPLICATION NUMBER: US/10/359,050
; PRIOR FILING DATE: 2003-02-05
; PRIOR APPLICATION NUMBER: US 60/354,741
; PRIOR FILING DATE: 2002-02-06
; NUMBER OF SEQ ID NOS: 26
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 3
; LENGTH: 12
; TYPE: DNA
```

```
; OTHER INFORMATION: n
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (1)..(1)
; OTHER INFORMATION: n=any nucleotide
US-10-333-878-14

Query Match      30.0%; Score 3; DB 9; Length 11;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      7 GYY 9
      |||
Db      8 GYY 10

RESULT 154
US-10-333-878-14/c
; Sequence 14, Application US/10333878
; Publication No. US20050084849A1
; GENERAL INFORMATION:
; APPLICANT: DZGenes LLC
; TITLE OF INVENTION: DIAGNOSTIC POLYMORPHISMS FOR THE ecNOS PROMOTOR
; FILE REFERENCE: DZG2183.2
; CURRENT APPLICATION NUMBER: US/10/333,878
; PRIOR FILING DATE: 2003-01-24
; PRIOR APPLICATION NUMBER: US 60/220,662
; PRIOR FILING DATE: 2000-07-25
; PRIOR APPLICATION NUMBER: PCT/US01/23321
; PRIOR FILING DATE: 2001-07-25
; NUMBER OF SEQ ID NOS: 14
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 14
; LENGTH: 11
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: variation
; LOCATION: (8)..(8)
; OTHER INFORMATION: SNP replaces G in the core binding site with an A at this position
; OTHER INFORMATION: n=any nucleotide
US-10-333-878-14

Query Match      30.0%; Score 3; DB 9; Length 11;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      2 RRC 4
      |||
Db      10 RRC 8

RESULT 155
US-10-359-050-3
; Sequence 3, Application US/10359050
; Publication No. US20030186291A1
; GENERAL INFORMATION:
; APPLICANT: EXELIXIS DEUTSCHLAND GMBH
; TITLE OF INVENTION: GENETICALLY ENGINEERED PHIC31-INTEGRASE GENES
; FILE REFERENCE: AR03-001
; CURRENT APPLICATION NUMBER: US/10/359,050
; PRIOR FILING DATE: 2003-02-05
; PRIOR APPLICATION NUMBER: US 60/354,741
; PRIOR FILING DATE: 2002-02-06
; NUMBER OF SEQ ID NOS: 26
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 3
; LENGTH: 12
; TYPE: DNA
```

```
; ORGANISM: Artificial
; FEATURE:
; OTHER INFORMATION: Splice acceptor sequence
; NAME/KEY: misc feature
; LOCATION: (1)..(12)
; OTHER INFORMATION: Y is T or C; N is A, C, G, or T.
US-10-359-050-3

Query Match      30.0%; Score 3; DB 6; Length 12;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      8 YYY 10
Db       1 YYY 3

RESULT 154
US-10-359-050-3/c
; Sequence 4, Application US/10359050
; Publication No. US20030186291A1
; GENERAL INFORMATION:
; APPLICANT: EXELIXIS DEUTSCHLAND GMBH
; TITLE OF INVENTION: GENETICALLY ENGINEERED PHIC31-INTEGRASE GENES
; FILE REFERENCE: AR03-001
; CURRENT APPLICATION NUMBER: US/10/359,050
; CURRENT FILING DATE: 2003-02-05
; PRIOR APPLICATION NUMBER: US 60/354,741
; PRIOR FILING DATE: 2002-02-06
; NUMBER OF SEQ ID NOS: 26
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 3
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial
; FEATURE:
; OTHER INFORMATION: Splice acceptor sequence
; NAME/KEY: misc feature
; LOCATION: (1)..(12)
; OTHER INFORMATION: Y is T or C; N is A, C, G, or T.
US-10-359-050-3

Query Match      30.0%; Score 3; DB 6; Length 12;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1 RRR 3
Db       7 RRR 5

RESULT 155
US-10-359-050-4
; Sequence 4, Application US/10359050
; Publication No. US20030186291A1
; GENERAL INFORMATION:
; APPLICANT: EXELIXIS DEUTSCHLAND GMBH
; TITLE OF INVENTION: GENETICALLY ENGINEERED PHIC31-INTEGRASE GENES
; FILE REFERENCE: AR03-001
; CURRENT APPLICATION NUMBER: US/10/359,050
; CURRENT FILING DATE: 2003-02-05
; PRIOR APPLICATION NUMBER: US 60/354,741
; PRIOR FILING DATE: 2002-02-06
; NUMBER OF SEQ ID NOS: 26
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 4
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial
; FEATURE:
; OTHER INFORMATION: Splice acceptor site.
```

```
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (1)..(12)
; OTHER INFORMATION: Y is T or C; N is A, C, G, or T.
US-10-359-050-4

Query Match      30.0%; Score 3; DB 6; Length 12;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      8 YYY 10
Db       1 YYY 3

RESULT 156
US-10-359-050-4/c
; Sequence 4, Application US/10359050
; Publication No. US20030186291A1
; GENERAL INFORMATION:
; APPLICANT: EXELIXIS DEUTSCHLAND GMBH
; TITLE OF INVENTION: GENETICALLY ENGINEERED PHIC31-INTEGRASE GENES
; FILE REFERENCE: AR03-001
; CURRENT APPLICATION NUMBER: US/10/359,050
; CURRENT FILING DATE: 2003-02-05
; PRIOR APPLICATION NUMBER: US 60/354,741
; PRIOR FILING DATE: 2002-02-06
; NUMBER OF SEQ ID NOS: 26
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 4
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial
; FEATURE:
; OTHER INFORMATION: Splice acceptor site.
; NAME/KEY: misc feature
; LOCATION: (1)..(12)
; OTHER INFORMATION: Y is T or C; N is A, C, G, or T.
US-10-359-050-4

Query Match      30.0%; Score 3; DB 6; Length 12;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1 RRR 3
Db       7 RRR 5

RESULT 157
US-10-300-011-78
; Sequence 78, Application US/10300011
; Publication No. US20030235890A1
; GENERAL INFORMATION:
; APPLICANT: WYLLIE, DAVID
; APPLICANT: DUFF, GORDON W.
; APPLICANT: AZIZ, NAZNEEN
; APPLICANT: HSIEH, CHUNG MING
; APPLICANT: KORNMAN, KENNETH S.
; TITLE OF INVENTION: FUNCTIONAL POLYMORPHISMS OF THE INTERLEUKIN-1 LOCUS
; TITLE OF INVENTION: AFFECTING TRANSCRIPTION AND SUSCEPTIBILITY TO
; TITLE OF INVENTION: INFLAMMATORY AND INFECTIOUS DISEASES
; FILE REFERENCE: MSA-024.01
; CURRENT APPLICATION NUMBER: US/10/300,011
; CURRENT FILING DATE: 2002-11-19
; NUMBER OF SEQ ID NOS: 78
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 78
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
```

```
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: Consensus sequence
; FEATURE:
; NAME/KEY: modified_base
; LOCATION: (6)
; OTHER INFORMATION: a, t, c or g
US-10-300-011-78

Query Match      30.0%; Score 3; DB 6; Length 12;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      8 YYY 10
DB      7 YYY 9

RESULT 158
US-10-300-011-78/c
; Sequence 78, Application US/10300011
; Publication No. US20030235890A1
; GENERAL INFORMATION:
; APPLICANT: WYLLIE, DAVID
; APPLICANT: DUFF, GORDON W.
; APPLICANT: AZIZ, NAZSEN
; APPLICANT: HSEH, CHUNG MING
; APPLICANT: KORNMAN, KENNETH S.
; TITLE OF INVENTION: FUNCTIONAL POLYMORPHISMS OF THE INTERLEUKIN-1 LOCUS
; TITLE OF INVENTION: AFFECTING TRANSCRIPTION AND SUSCEPTIBILITY TO
; TITLE OF INVENTION: INFLAMMATORY AND INFECTIOUS DISEASES
; FILE REFERENCE: MSA-024.01
; CURRENT APPLICATION NUMBER: US/10/300,011
; CURRENT FILING DATE: 2002-11-19
; NUMBER OF SEQ ID NOS: 78
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 78
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: consensus sequence
; FEATURE:
; NAME/KEY: modified_base
; LOCATION: (6)
; OTHER INFORMATION: a, t, c or g
US-10-300-011-78

Query Match      30.0%; Score 3; DB 6; Length 12;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1 RRR 3
DB      9 RRR 7

RESULT 159
US-09-816-763-67
; Sequence 67, Application US/09816763
; Patent No. US20020110814A1
; GENERAL INFORMATION:
; APPLICANT: Renard, Jose
; APPLICANT: Remacle, Jose
; APPLICANT: Art. Muriel
; TITLE OF INVENTION: METHOD AND KIT FOR THE SCREENING, THE
; TITLE OF INVENTION: DETECTION AND/OR THE QUANTIFICATION OF TRANSCRIPTIONAL
; TITLE OF INVENTION: FACTORS
; FILE REFERENCE: VANM212.001AUS
; CURRENT APPLICATION NUMBER: US/09/816,763
; CURRENT FILING DATE: 2001-03-23
; PRIOR APPLICATION NUMBER: EP 00870057.7
; PRIOR FILING DATE: 2000-03-24
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 15
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Consensus sequence for transcriptional factor
; OTHER INFORMATION: MBF-1
US-09-816-763-67

Query Match      30.0%; Score 3; DB 3; Length 13;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1 RRR 3
DB      13 RRR 11

RESULT 161
US-10-602-837-15
; Sequence 15, Application US/10602837
; Publication No. US20040053310A1
; GENERAL INFORMATION:
; APPLICANT: Shi, Hua
; APPLICANT: Lis, John T.
; TITLE OF INVENTION: EXHAUSTIVE SELECTION OF RNA APTAMERS AGAINST COMPLEX
; TITLE OF INVENTION: TARGETS
; FILE REFERENCE: 19603/3921
; CURRENT APPLICATION NUMBER: US/10/602,837
; CURRENT FILING DATE: 2003-06-24
; PRIOR APPLICATION NUMBER: 60/391,255
; PRIOR FILING DATE: 2002-06-24
; NUMBER OF SEQ ID NOS: 36
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 15
```

```
; NUMBER OF SEQ ID NOS: 150
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 67
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Consensus sequence for transcriptional factor
; OTHER INFORMATION: MBF-1
US-09-816-763-67
```

```
Query Match      30.0%; Score 3; DB 3; Length 13;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      8 YYY 10
DB      11 YYY 13
```

```
RESULT 160
US-09-816-763-67/c
; Sequence 67, Application US/09816763
; Patent No. US20020110814A1
; GENERAL INFORMATION:
; APPLICANT: Renard, Jose
; APPLICANT: Remacle, Jose
; APPLICANT: Art. Muriel
; TITLE OF INVENTION: METHOD AND KIT FOR THE SCREENING, THE
; TITLE OF INVENTION: DETECTION AND/OR THE QUANTIFICATION OF TRANSCRIPTIONAL
; TITLE OF INVENTION: FACTORS
; FILE REFERENCE: VANM212.001AUS
; CURRENT APPLICATION NUMBER: US/09/816,763
; CURRENT FILING DATE: 2001-03-23
; PRIOR APPLICATION NUMBER: EP 00870057.7
; PRIOR FILING DATE: 2000-03-24
; NUMBER OF SEQ ID NOS: 150
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 67
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Consensus sequence for transcriptional factor
; OTHER INFORMATION: MBF-1
US-09-816-763-67
```

```
Query Match      30.0%; Score 3; DB 3; Length 13;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1 RRR 3
DB      13 RRR 11
```

```
RESULT 161
US-10-602-837-15
; Sequence 15, Application US/10602837
; Publication No. US20040053310A1
; GENERAL INFORMATION:
; APPLICANT: Shi, Hua
; APPLICANT: Lis, John T.
; TITLE OF INVENTION: EXHAUSTIVE SELECTION OF RNA APTAMERS AGAINST COMPLEX
; TITLE OF INVENTION: TARGETS
; FILE REFERENCE: 19603/3921
; CURRENT APPLICATION NUMBER: US/10/602,837
; CURRENT FILING DATE: 2003-06-24
; PRIOR APPLICATION NUMBER: 60/391,255
; PRIOR FILING DATE: 2002-06-24
; NUMBER OF SEQ ID NOS: 36
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 15
```

LENGTH: 13
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Probe
NAME/KEY: unsure
LOCATION: (1)..(2)
OTHER INFORMATION: N at positions 1-2 can be A, T, G, or C
FEATURE:
NAME/KEY: unsure
LOCATION: (6)..(8)
OTHER INFORMATION: W at positions 6-8 can be A or T
NAME/KEY: unsure
LOCATION: (12)..(13)
OTHER INFORMATION: N at positions 12-13 can be A, T, G, or C
US-10-602-837-15

Query Match 30.0%; Score 3; DB 7; Length 13;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 4 CWW 6
Db 5 CWW 7

RESULT 162
US-10-602-837-15/c
Sequence 15, Application US/10602837
Publication No. US20040053310A1
GENERAL INFORMATION:
APPLICANT: Shi, Hua
APPLICANT: Lis, John T.
TITLE OF INVENTION: EXHAUSTIVE SELECTION OF RNA APTAMERS AGAINST COMPLEX
FILE REFERENCE: 19603/3921
CURRENT APPLICATION NUMBER: US/10/602.837
CURRENT FILING DATE: 2003-06-24
PRIOR APPLICATION NUMBER: 60/391,255
PRIOR FILING DATE: 2002-06-24
NUMBER OF SEQ ID NOS: 36
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 15
LENGTH: 13
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Probe
NAME/KEY: unsure
LOCATION: (1)..(2)
OTHER INFORMATION: N at positions 1-2 can be A, T, G, or C
FEATURE:
NAME/KEY: unsure
LOCATION: (6)..(8)
OTHER INFORMATION: W at positions 6-8 can be A or T
NAME/KEY: unsure
LOCATION: (12)..(13)
OTHER INFORMATION: N at positions 12-13 can be A, T, G, or C
US-10-602-837-15

Query Match 30.0%; Score 3; DB 7; Length 13;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 5 WWG 7
Db 7 WWG 5

RESULT 163
US-10-821-568-67
Sequence 67, Application US/10821568
Publication No. US20040185497A1
GENERAL INFORMATION:
APPLICANT: Remacle, Jose
APPLICANT: Renard, Patricia
APPLICANT: Art, Muriel
TITLE OF INVENTION: METHOD AND KIT FOR THE SCREENING, THE
TITLE OF INVENTION: DETECTION AND/OR THE QUANTIFICATION OF TRANSCRIPTIONAL
TITLE OF INVENTION: FACTORS
FILE REFERENCE: VANM212.001DV1
CURRENT APPLICATION NUMBER: US/10/821,568
CURRENT FILING DATE: 2004-04-08
PRIOR APPLICATION NUMBER: US 09/816,763
PRIOR FILING DATE: 2001-03-23
PRIOR APPLICATION NUMBER: EP 00870057.7
PRIOR FILING DATE: 2000-03-24
NUMBER OF SEQ ID NOS: 150
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 67
LENGTH: 13
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Consensus sequence for transcriptional factor
OTHER INFORMATION: MBF-1
US-10-821-568-67

Query Match 30.0%; Score 3; DB 8; Length 13;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 8 YYY 10
Db 11 YYY 13

RESULT 164
US-10-821-568-67/c
Sequence 67, Application US/10821568
Publication No. US20040185497A1
GENERAL INFORMATION:
APPLICANT: Remacle, Jose
APPLICANT: Renard, Patricia
APPLICANT: Art, Muriel
TITLE OF INVENTION: METHOD AND KIT FOR THE SCREENING, THE
TITLE OF INVENTION: DETECTION AND/OR THE QUANTIFICATION OF TRANSCRIPTIONAL
TITLE OF INVENTION: FACTORS
FILE REFERENCE: VANM212.001DV1
CURRENT APPLICATION NUMBER: US/10/821,568
CURRENT FILING DATE: 2004-04-08
PRIOR APPLICATION NUMBER: US 09/816,763
PRIOR FILING DATE: 2001-03-23
PRIOR APPLICATION NUMBER: EP 00870057.7
PRIOR FILING DATE: 2000-03-24
NUMBER OF SEQ ID NOS: 150
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 67
LENGTH: 13
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Consensus sequence for transcriptional factor
OTHER INFORMATION: MBF-1
US-10-821-568-67

Query Match 30.0%; Score 3; DB 8; Length 13;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 RRR 3
Db 11

Db 13 RRR 11

RESULT 165

US-09-802-807-7
; Sequence 7, Application US/09802807
; Patent No. US2001003404A1
; GENERAL INFORMATION:
; APPLICANT: Treco, Douglas A.
; APPLICANT: Heartlein, Michael W.
; APPLICANT: Selden, Richard F.
; TITLE OF INVENTION: GENOMIC SEQUENCES FOR PROTEIN PRODUCTION AND DELIVERY
; FILE REFERENCE: 07236/016001
; CURRENT APPLICATION NUMBER: US/09/802,807
; CURRENT FILING DATE: 2001-03-08
; PRIOR APPLICATION NUMBER: 60/084,663
; PRIOR FILING DATE: 1998-05-07
; NUMBER OF SEQ ID NOS: 7
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 7
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (1)...(14)
; OTHER INFORMATION: n = A,T,C or G
US-09-802-807-7

Query Match 30.0%; Score 3; DB 3; Length 14;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 8 YYY 10
|||
Db 1 YYY 3

RESULT 166

US-09-802-807-7/c
; Sequence 7, Application US/09802807
; Patent No. US2001003404A1
; GENERAL INFORMATION:
; APPLICANT: Treco, Douglas A.
; APPLICANT: Heartlein, Michael W.
; APPLICANT: Selden, Richard F.
; TITLE OF INVENTION: GENOMIC SEQUENCES FOR PROTEIN PRODUCTION AND DELIVERY
; FILE REFERENCE: 07236/016001
; CURRENT APPLICATION NUMBER: US/09/802,807
; CURRENT FILING DATE: 2001-03-08
; PRIOR APPLICATION NUMBER: 60/084,663
; PRIOR FILING DATE: 1998-05-07
; NUMBER OF SEQ ID NOS: 7
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 7
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (1)...(14)
; OTHER INFORMATION: n = A,T,C or G
US-09-802-807-7

Query Match 30.0%; Score 3; DB 3; Length 14;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 RRR 3
|||
Db 10 RRR 8

RESULT 167

US-09-845-020A-8
; Sequence 8, Application US/09845020A
; Publication No. US20030022850A1
; GENERAL INFORMATION:
; APPLICANT: Treco, Douglas A.
; APPLICANT: Heartlein, Michael W.
; APPLICANT: Selden, Richard F.
; TITLE OF INVENTION: Genomic Sequences for Protein Production
; TITLE OF INVENTION: and Delivery
; FILE REFERENCE: 50010/017003
; CURRENT APPLICATION NUMBER: US/09/845,020A
; CURRENT FILING DATE: 2001-04-27
; PRIOR APPLICATION NUMBER: US 09/305,384
; PRIOR FILING DATE: 1999-05-05
; PRIOR APPLICATION NUMBER: US 60/084,649
; PRIOR FILING DATE: 1998-05-07
; NUMBER OF SEQ ID NOS: 8
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 8
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (1)...(14)
; OTHER INFORMATION: n=A,T,C or G
US-09-845-020A-8

Query Match 30.0%; Score 3; DB 3; Length 14;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 8 YYY 10
|||
Db 1 YYY 3

RESULT 168

US-09-845-020A-8/c
; Sequence 8, Application US/09845020A
; Publication No. US20030022850A1
; GENERAL INFORMATION:
; APPLICANT: Treco, Douglas A.
; APPLICANT: Heartlein, Michael W.
; APPLICANT: Selden, Richard F.
; TITLE OF INVENTION: Genomic Sequences for Protein Production
; TITLE OF INVENTION: and Delivery
; FILE REFERENCE: 50010/017003
; CURRENT APPLICATION NUMBER: US/09/845,020A
; CURRENT FILING DATE: 2001-04-27
; PRIOR APPLICATION NUMBER: US 09/305,384
; PRIOR FILING DATE: 1999-05-05
; PRIOR APPLICATION NUMBER: US 60/084,649
; PRIOR FILING DATE: 1998-05-07
; NUMBER OF SEQ ID NOS: 8
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 8
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (1)...(14)
; OTHER INFORMATION: n=A,T,C or G
US-09-845-020A-8

Query Match 30.0%; Score 3; DB 3; Length 14;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 RRR 3
|||


```

; PRIOR APPLICATION NUMBER: 60/336497
; PRIOR FILING DATE: 2001-10-22
; PRIOR APPLICATION NUMBER: 10/196721
; PRIOR FILING DATE: 2002-07-15
; NUMBER OF SEQ ID NOS: 1
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 1
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: 11
; OTHER INFORMATION: n = A,T,C or G
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: 1-10_12
; OTHER INFORMATION: y = C or T
US-10-277-612-1

```

```

Query Match      30.0%; Score 3; DB 7; Length 14;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

```

QY      1 RRR 3
DB      10 RRR 8

```

```

RESULT 173
US-10-333-892-6
; Sequence 6, Application US/10333892
; Publication No. US20040209254A1
; GENERAL INFORMATION:
; APPLICANT: DZGenes LLC
; TITLE OF INVENTION: DIAGNOSTIC POLYMORPHISMS FOR THE TGF-BETA 1 PROMOTER
; FILE REFERENCE: DZG2185.2
; CURRENT APPLICATION NUMBER: US/10/333,892
; CURRENT FILING DATE: 2003-06-24
; PRIOR APPLICATION NUMBER: US 60/220,583
; PRIOR FILING DATE: 2000-07-25
; PRIOR APPLICATION NUMBER: PCT/US01/23368
; PRIOR FILING DATE: 2001-07-25
; NUMBER OF SEQ ID NOS: 6
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 6
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (11)-(11)
; OTHER INFORMATION: n=any nucleotide
; FEATURE:
; NAME/KEY: variation
; LOCATION: (6)-(6)
; OTHER INFORMATION: SNP replaces Y with a G at this position
US-10-333-892-6

```

```

Query Match      30.0%; Score 3; DB 8; Length 14;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

```

QY      8 YYY 10
DB      6 YYY 8

```

```

RESULT 174
US-10-333-892-6/c
; Sequence 6, Application US/10333892
; Publication No. US20040209254A1
; GENERAL INFORMATION:

```

```

; APPLICANT: DZGenes LLC
; TITLE OF INVENTION: DIAGNOSTIC POLYMORPHISMS FOR THE TGF-BETA 1 PROMOTER
; FILE REFERENCE: DZG2185.2
; CURRENT APPLICATION NUMBER: US/10/333,892
; CURRENT FILING DATE: 2003-06-24
; PRIOR APPLICATION NUMBER: US 60/220,583
; PRIOR FILING DATE: 2000-07-25
; PRIOR APPLICATION NUMBER: PCT/US01/23368
; PRIOR FILING DATE: 2001-07-25
; NUMBER OF SEQ ID NOS: 6
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 6
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (11)-(11)
; OTHER INFORMATION: n=any nucleotide
; FEATURE:
; NAME/KEY: variation
; LOCATION: (6)-(6)
; OTHER INFORMATION: SNP replaces Y with a G at this position
US-10-333-892-6

```

```

Query Match      30.0%; Score 3; DB 8; Length 14;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

```

QY      1 RRR 3
DB      8 RRR 6

```

```

RESULT 175
US-10-342-923-1
; Sequence 1, Application US/10342923
; Publication No. US20040253590A1
; GENERAL INFORMATION:
; APPLICANT: Harrington, John
; APPLICANT: Jackson, Paul David
; APPLICANT: Jiang, Li
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR MAKING
; TITLE OF INVENTION: MUTATIONS IN CELL LINES AND ANIMALS
; FILE REFERENCE: ATX-004CPCN4
; CURRENT APPLICATION NUMBER: US/10/342,923
; CURRENT FILING DATE: 2003-01-15
; PRIOR APPLICATION NUMBER: 10/277612
; PRIOR FILING DATE: 2002-10-22
; PRIOR APPLICATION NUMBER: 60/336497
; PRIOR FILING DATE: 2001-10-22
; PRIOR APPLICATION NUMBER: 10/196721
; PRIOR FILING DATE: 2002-07-15
; NUMBER OF SEQ ID NOS: 1
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 1
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: 11
; OTHER INFORMATION: n = A,T,C or G
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: 1-10_12
; OTHER INFORMATION: Y = C or T
US-10-342-923-1

```

```

Query Match      30.0%; Score 3; DB 8; Length 14;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

```
Qy      8 YYY 10
      |||
Db      1 YYY 3

RESULT 176
US-10-342-923-1/c
; Sequence 1, Application US/10342923
; Publication No. US20040253590A1
; GENERAL INFORMATION:
; APPLICANT: Harrington, John
; APPLICANT: Jackson, Paul David
; APPLICANT: Jiang, Li
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR MAKING
; TITLE OF INVENTION: MUTATIONS IN CELL LINES AND ANIMALS
; FILE REFERENCE: ATX-004CPCN4
; CURRENT APPLICATION NUMBER: US/10/342,923
; CURRENT FILING DATE: 2003-01-15
; PRIOR APPLICATION NUMBER: 10/277612
; PRIOR FILING DATE: 2002-10-22
; PRIOR APPLICATION NUMBER: 60/336497
; PRIOR FILING DATE: 2001-10-22
; PRIOR APPLICATION NUMBER: 10/196721
; PRIOR FILING DATE: 2002-07-15
; NUMBER OF SEQ ID NOS: 1
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 1
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: 11
; OTHER INFORMATION: n = A,T,C or G
; NAME/KEY: misc_feature
; LOCATION: 1-10,12
; OTHER INFORMATION: Y = C or T
US-10-342-923-1
```

```
Query Match      30.0%; Score 3; DB 8; Length 14;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
Qy      1 RRR 3
      |||
Db     10 RRR 8

RESULT 177
US-10-342-948-1
; Sequence 1, Application US/10342948
; Publication No. US20040253591A1
; GENERAL INFORMATION:
; APPLICANT: Harrington, John
; APPLICANT: Jackson, Paul David
; APPLICANT: Jiang, Li
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR MAKING
; TITLE OF INVENTION: MUTATIONS IN CELL LINES AND ANIMALS
; FILE REFERENCE: ATX-004CPCN3
; CURRENT APPLICATION NUMBER: US/10/342,948
; CURRENT FILING DATE: 2003-01-15
; PRIOR APPLICATION NUMBER: 10/277612
; PRIOR FILING DATE: 2002-10-22
; PRIOR APPLICATION NUMBER: 60/336497
; PRIOR FILING DATE: 2001-10-22
; PRIOR APPLICATION NUMBER: 10/196721
; PRIOR FILING DATE: 2002-07-15
; NUMBER OF SEQ ID NOS: 1
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 1
; LENGTH: 14
; TYPE: DNA
```

```
Query Match      30.0%; Score 3; DB 8; Length 14;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: 11
; OTHER INFORMATION: n = A,T,C or G
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: 1-10,12
; OTHER INFORMATION: Y = C or T
US-10-342-948-1

Query Match      30.0%; Score 3; DB 8; Length 14;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      8 YYY 10
      |||
Db      1 YYY 3

RESULT 178
US-10-342-948-1/c
; Sequence 1, Application US/10342948
; Publication No. US20040253591A1
; GENERAL INFORMATION:
; APPLICANT: Harrington, John
; APPLICANT: Jackson, Paul David
; APPLICANT: Jiang, Li
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR MAKING
; TITLE OF INVENTION: MUTATIONS IN CELL LINES AND ANIMALS
; FILE REFERENCE: ATX-004CPCN3
; CURRENT APPLICATION NUMBER: US/10/342,948
; CURRENT FILING DATE: 2003-01-15
; PRIOR APPLICATION NUMBER: 10/277612
; PRIOR FILING DATE: 2002-10-22
; PRIOR APPLICATION NUMBER: 60/336497
; PRIOR FILING DATE: 2001-10-22
; PRIOR APPLICATION NUMBER: 10/196721
; PRIOR FILING DATE: 2002-07-15
; NUMBER OF SEQ ID NOS: 1
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 1
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: 11
; OTHER INFORMATION: n = A,T,C or G
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: 1-10,12
; OTHER INFORMATION: Y = C or T
US-10-342-948-1

Query Match      30.0%; Score 3; DB 8; Length 14;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      1 RRR 3
      |||
Db     10 RRR 8

RESULT 179
US-10-342-761-1
; Sequence 1, Application US/10342761
; Publication No. US20040253727A1
; GENERAL INFORMATION:
; APPLICANT: Harrington, John
; APPLICANT: Jackson, Paul David
; APPLICANT: Jiang, Li
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR MAKING
```

; TITLE OF INVENTION: MUTATIONS IN CELL LINES AND ANIMALS
; FILE REFERENCE: ATX-004PCPN2
; CURRENT APPLICATION NUMBER: US/10/342,761
; CURRENT FILING DATE: 2003-01-15
; PRIOR APPLICATION NUMBER: 10/277612
; PRIOR FILING DATE: 2002-10-22
; PRIOR APPLICATION NUMBER: 60/336497
; PRIOR FILING DATE: 2001-10-22
; PRIOR APPLICATION NUMBER: 10/196721
; PRIOR FILING DATE: 2002-07-15
; NUMBER OF SEQ ID NOS: 1
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 1
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: 11
; OTHER INFORMATION: n = A,T,C or G
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: 1-10,12
; OTHER INFORMATION: y = C or T
US-10-342-761-1

Query Match 30.0%; Score 3; DB 8; Length 14;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 8 YYY 10
|||
DB 1 YYY 3

RESULT 180
US-10-342-761-1/c
; Sequence 1, Application US/10342761
; Publication No. US20040253727A1
; GENERAL INFORMATION:
; APPLICANT: Harrington, John
; APPLICANT: Jackson, Paul David
; APPLICANT: Jiang, Li
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR MAKING
; TITLE OF INVENTION: MUTATIONS IN CELL LINES AND ANIMALS
; FILE REFERENCE: ATX-004PCPN2
; CURRENT APPLICATION NUMBER: US/10/342,761
; CURRENT FILING DATE: 2003-01-15
; PRIOR APPLICATION NUMBER: 10/277612
; PRIOR FILING DATE: 2002-10-22
; PRIOR APPLICATION NUMBER: 60/336497
; PRIOR FILING DATE: 2001-10-22
; PRIOR APPLICATION NUMBER: 10/196721
; PRIOR FILING DATE: 2002-07-15
; NUMBER OF SEQ ID NOS: 1
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 1
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: 11
; OTHER INFORMATION: n = A,T,C or G
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: 1-10,12
; OTHER INFORMATION: y = C or T
US-10-342-761-1

Query Match 30.0%; Score 3; DB 8; Length 14;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 RRR 3
|||
DB 10 RRR 8

RESULT 181
US-11-003-941A-105
; Sequence 105, Application US/11003941A
; Publication No. US20050208021A1
; GENERAL INFORMATION:
; APPLICANT: Calos, Michele
; TITLE OF INVENTION: METHODS OF UNIDIRECTIONAL, SITE-SPECIFIC
; TITLE OF INVENTION: INTEGRATION INTO A GENOME, COMPOSITIONS AND KITS FOR
; TITLE OF INVENTION: PRACTICING THE SAME
; FILE REFERENCE: POST-001
; CURRENT APPLICATION NUMBER: US/11/003,941A
; CURRENT FILING DATE: 2004-12-03
; PRIOR APPLICATION NUMBER: PCT/US03/17702
; PRIOR FILING DATE: 2003-06-03
; PRIOR APPLICATION NUMBER: 60/385,933
; PRIOR FILING DATE: 2002-06-04
; PRIOR APPLICATION NUMBER: 60/386,325
; PRIOR FILING DATE: 2002-06-04
; PRIOR APPLICATION NUMBER: 60/385,934
; PRIOR FILING DATE: 2002-06-04
; PRIOR APPLICATION NUMBER: 60/385,929
; PRIOR FILING DATE: 2002-06-04
; PRIOR APPLICATION NUMBER: 60/386,597
; PRIOR FILING DATE: 2002-06-04
; NUMBER OF SEQ ID NOS: 216
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 105
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Human
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: 11
; OTHER INFORMATION: n = A,T,C or G
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: 11
; OTHER INFORMATION: n = A,T,C or G
US-11-003-941A-105

Query Match 30.0%; Score 3; DB 10; Length 14;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 8 YYY 10
|||
DB 1 YYY 3

RESULT 182
US-11-003-941A-105/c
; Sequence 105, Application US/11003941A
; Publication No. US20050208021A1
; GENERAL INFORMATION:
; APPLICANT: Calos, Michele
; TITLE OF INVENTION: METHODS OF UNIDIRECTIONAL, SITE-SPECIFIC
; TITLE OF INVENTION: INTEGRATION INTO A GENOME, COMPOSITIONS AND KITS FOR
; TITLE OF INVENTION: PRACTICING THE SAME
; FILE REFERENCE: POST-001
; CURRENT APPLICATION NUMBER: US/11/003,941A
; CURRENT FILING DATE: 2004-12-03
; PRIOR APPLICATION NUMBER: PCT/US03/17702
; PRIOR FILING DATE: 2003-06-03
; PRIOR APPLICATION NUMBER: 60/385,933
; PRIOR FILING DATE: 2002-06-04
; PRIOR APPLICATION NUMBER: 60/386,325
; PRIOR FILING DATE: 2002-06-04

; PRIOR APPLICATION NUMBER: 60/385,934
; PRIOR FILING DATE: 2002-06-04
; PRIOR APPLICATION NUMBER: 60/385,929
; PRIOR FILING DATE: 2002-06-04
; PRIOR APPLICATION NUMBER: 60/386,597
; PRIOR FILING DATE: 2002-06-04
; NUMBER OF SEQ ID NOS: 216
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 105
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Human
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: 11
; OTHER INFORMATION: n = A,T,C or G
; NAME/KEY: misc_feature
; LOCATION: 11
; OTHER INFORMATION: n = A,T,C or G
; US-11-003-941A-105

Query Match 30.0%; Score 3; DB 10; Length 14;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 RRR 3
|||
Db 10 RRR 8

RESULT 183

US-11-003-941A-209
; Sequence 209, Application US/11003941A
; Publication No. US20050208021A1
; GENERAL INFORMATION:
; APPLICANT: Calos, Michele
; TITLE OF INVENTION: METHODS OF UNIDIRECTIONAL, SITE-SPECIFIC
; TITLE OF INVENTION: INTEGRATION INTO A GENOME, COMPOSITIONS AND KITS FOR
; FILE REFERENCE: POST-001
; CURRENT APPLICATION NUMBER: US/11/003,941A
; PRIOR FILING DATE: 2004-12-03
; PRIOR APPLICATION NUMBER: PCT/US03/17702
; PRIOR FILING DATE: 2003-06-03
; PRIOR APPLICATION NUMBER: 60/385,933
; PRIOR FILING DATE: 2002-06-04
; PRIOR APPLICATION NUMBER: 60/386,325
; PRIOR FILING DATE: 2002-06-04
; PRIOR APPLICATION NUMBER: 60/385,934
; PRIOR FILING DATE: 2002-06-04
; PRIOR APPLICATION NUMBER: 60/385,929
; PRIOR FILING DATE: 2002-06-04
; PRIOR APPLICATION NUMBER: 60/386,597
; NUMBER OF SEQ ID NOS: 216
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 209
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic construct

Query Match 30.0%; Score 3; DB 10; Length 14;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 RRR 3
|||
Db 10 RRR 8

Query Match 30.0%; Score 3; DB 10; Length 14;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 8 YYY 10
|||
Db 1 YYY 3

RESULT 184

US-11-003-941A-209/C
; Sequence 209, Application US/11003941A
; Publication No. US20050208021A1
; GENERAL INFORMATION:
; APPLICANT: Calos, Michele
; TITLE OF INVENTION: METHODS OF UNIDIRECTIONAL, SITE-SPECIFIC
; TITLE OF INVENTION: INTEGRATION INTO A GENOME, COMPOSITIONS AND KITS FOR
; FILE REFERENCE: POST-001
; CURRENT APPLICATION NUMBER: US/11/003,941A
; PRIOR FILING DATE: 2004-12-03
; PRIOR APPLICATION NUMBER: PCT/US03/17702
; PRIOR FILING DATE: 2003-06-03
; PRIOR APPLICATION NUMBER: 60/385,933
; PRIOR FILING DATE: 2002-06-04
; PRIOR APPLICATION NUMBER: 60/386,325
; PRIOR FILING DATE: 2002-06-04
; PRIOR APPLICATION NUMBER: 60/385,934
; PRIOR FILING DATE: 2002-06-04
; PRIOR APPLICATION NUMBER: 60/385,929
; PRIOR FILING DATE: 2002-06-04
; PRIOR APPLICATION NUMBER: 60/386,597
; NUMBER OF SEQ ID NOS: 216
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 209
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic construct

Query Match 30.0%; Score 3; DB 10; Length 14;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 RRR 3
|||
Db 10 RRR 8

RESULT 185

US-10-418-182-183
; Sequence 183, Application US/10418182
; Publication No. US20030228302A1
; GENERAL INFORMATION:
; APPLICANT: Crea, Roberto
; TITLE OF INVENTION: UNIVERSAL LIBRARIES FOR IMMUNOGLOBULINS
; FILE REFERENCE: 1551.2001-001
; CURRENT APPLICATION NUMBER: US/10/418,182
; PRIOR FILING DATE: 2003-04-16
; PRIOR APPLICATION NUMBER: 60/373,558
; PRIOR FILING DATE: 2002-04-17
; NUMBER OF SEQ ID NOS: 423
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 183
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: oligonucleotide
; US-10-418-182-183

Query Match 30.0%; Score 3; DB 6; Length 15;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0;

QY 2 RRC 4
Db 1 RRC 3

RESULT 186

US-10-418-182-183/c
; Sequence 183, Application US/10418182
; Publication No. US20030228302A1
; GENERAL INFORMATION:
; APPLICANT: Crea, Roberto
; TITLE OF INVENTION: UNIVERSAL LIBRARIES FOR IMMUNOGLOBULINS
; FILE REFERENCE: 1551.2001-001
; CURRENT APPLICATION NUMBER: US/10/418,182
; CURRENT FILING DATE: 2003-04-16
; PRIOR APPLICATION NUMBER: 60/373,558
; PRIOR FILING DATE: 2002-04-17
; NUMBER OF SEQ ID NOS: 423
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 183
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: oligonucleotide
US-10-418-182-183

Query Match 30.0%; Score 3; DB 6; Length 15;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0;

QY 7 GY 9
Db 3 GY 1

RESULT 187

US-10-418-182-219
; Sequence 219, Application US/10418182
; Publication No. US20030228302A1
; GENERAL INFORMATION:
; APPLICANT: Crea, Roberto
; TITLE OF INVENTION: UNIVERSAL LIBRARIES FOR IMMUNOGLOBULINS
; FILE REFERENCE: 1551.2001-001
; CURRENT APPLICATION NUMBER: US/10/418,182
; CURRENT FILING DATE: 2003-04-16
; PRIOR APPLICATION NUMBER: 60/373,558
; PRIOR FILING DATE: 2002-04-17
; NUMBER OF SEQ ID NOS: 423
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 219
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: oligonucleotide
US-10-418-182-219

Query Match 30.0%; Score 3; DB 6; Length 15;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0;

QY 4 CW 6
Db 3 CW 5

RESULT 188

US-10-418-182-219/c
; Sequence 219, Application US/10418182
; Publication No. US20030228302A1
; GENERAL INFORMATION:
; APPLICANT: Crea, Roberto
; TITLE OF INVENTION: UNIVERSAL LIBRARIES FOR IMMUNOGLOBULINS
; FILE REFERENCE: 1551.2001-001
; CURRENT APPLICATION NUMBER: US/10/418,182
; CURRENT FILING DATE: 2003-04-16
; PRIOR APPLICATION NUMBER: 60/373,558
; PRIOR FILING DATE: 2002-04-17
; NUMBER OF SEQ ID NOS: 423
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 219
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: oligonucleotide
US-10-418-182-219

Query Match 30.0%; Score 3; DB 6; Length 15;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0;

QY 5 WW 7
Db 5 WW 3

RESULT 189

US-10-418-182-313
; Sequence 313, Application US/10418182
; Publication No. US20030228302A1
; GENERAL INFORMATION:
; APPLICANT: Crea, Roberto
; TITLE OF INVENTION: UNIVERSAL LIBRARIES FOR IMMUNOGLOBULINS
; FILE REFERENCE: 1551.2001-001
; CURRENT APPLICATION NUMBER: US/10/418,182
; CURRENT FILING DATE: 2003-04-16
; PRIOR APPLICATION NUMBER: 60/373,558
; PRIOR FILING DATE: 2002-04-17
; NUMBER OF SEQ ID NOS: 423
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 313
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: oligonucleotide
US-10-418-182-313

Query Match 30.0%; Score 3; DB 6; Length 15;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0;

QY 2 RRC 4
Db 1 RRC 3

RESULT 190

US-10-418-182-313/c
; Sequence 313, Application US/10418182
; Publication No. US20030228302A1
; GENERAL INFORMATION:
; APPLICANT: Crea, Roberto
; TITLE OF INVENTION: UNIVERSAL LIBRARIES FOR IMMUNOGLOBULINS
; FILE REFERENCE: 1551.2001-001
; CURRENT APPLICATION NUMBER: US/10/418,182
; CURRENT FILING DATE: 2003-04-16
; PRIOR APPLICATION NUMBER: 60/373,558
; PRIOR FILING DATE: 2002-04-17

```
; NUMBER OF SEQ ID NOS: 423
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 313
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: oligonucleotide
US-10-418-182-313

Query Match      30.0%; Score 3; DB 6; Length 15;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      7 GYY 9
      |||
Db      3 GYY 1

RESULT 191
US-10-418-182-421
; Sequence 421, Application US/10418182
; Publication No. US20030228302A1
; GENERAL INFORMATION:
; APPLICANT: Crea, Roberto
; TITLE OF INVENTION: UNIVERSAL LIBRARIES FOR IMMUNOGLOBULINS
; FILE REFERENCE: 1551.2001-001
; CURRENT APPLICATION NUMBER: US/10/418,182
; CURRENT FILING DATE: 2003-04-16
; PRIOR APPLICATION NUMBER: 60/373,558
; PRIOR FILING DATE: 2002-04-17
; NUMBER OF SEQ ID NOS: 423
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 421
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: oligonucleotide
US-10-418-182-421

Query Match      30.0%; Score 3; DB 6; Length 15;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      4 CWW 6
      |||
Db      3 CWW 5

RESULT 192
US-10-418-182-421/c
; Sequence 421, Application US/10418182
; Publication No. US20030228302A1
; GENERAL INFORMATION:
; APPLICANT: Crea, Roberto
; TITLE OF INVENTION: UNIVERSAL LIBRARIES FOR IMMUNOGLOBULINS
; FILE REFERENCE: 1551.2001-001
; CURRENT APPLICATION NUMBER: US/10/418,182
; CURRENT FILING DATE: 2003-04-16
; PRIOR APPLICATION NUMBER: 60/373,558
; PRIOR FILING DATE: 2002-04-17
; NUMBER OF SEQ ID NOS: 423
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 421
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: oligonucleotide
US-10-418-182-421

Query Match      30.0%; Score 3; DB 6; Length 15;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      4 CWW 6
      |||
Db      3 CWW 5

RESULT 193
US-10-706-466-5
; Sequence 5, Application US/10706466
; Publication No. US20040082535A1
; GENERAL INFORMATION:
; APPLICANT: MAHURAN, Don J.
; APPLICANT: CLARKE, Joe T.R.
; APPLICANT: CALLAHAN, John W.
; TITLE OF INVENTION: PRODUCTS AND METHODS FOR GAUCHER DISEASE THERAPY
; FILE REFERENCE: 24,131 USA
; CURRENT APPLICATION NUMBER: US/10/706,466
; CURRENT FILING DATE: 2003-11-12
; PRIOR APPLICATION NUMBER: 09/586,216
; PRIOR FILING DATE: 2000-06-02
; PRIOR APPLICATION NUMBER: 60/137,598
; PRIOR FILING DATE: 1999-06-03
; PRIOR APPLICATION NUMBER: 2,272,055
; PRIOR FILING DATE: 1999-06-02
; NUMBER OF SEQ ID NOS: 19
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 5
; LENGTH: 15
; TYPE: RNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: misc difference
; LOCATION: Y=1..10; n=11
; OTHER INFORMATION: y=c or u; n=any nucleotide
US-10-706-466-5

Query Match      30.0%; Score 3; DB 7; Length 15;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      8 YYY 10
      |||
Db      1 YYY 3

RESULT 194
US-10-706-466-5/c
; Sequence 5, Application US/10706466
; Publication No. US20040082535A1
; GENERAL INFORMATION:
; APPLICANT: MAHURAN, Don J.
; APPLICANT: CLARKE, Joe T.R.
; APPLICANT: CALLAHAN, John W.
; TITLE OF INVENTION: PRODUCTS AND METHODS FOR GAUCHER DISEASE THERAPY
; FILE REFERENCE: 24,131 USA
; CURRENT APPLICATION NUMBER: US/10/706,466
; CURRENT FILING DATE: 2003-11-12
; PRIOR APPLICATION NUMBER: 09/586,216
; PRIOR FILING DATE: 2000-06-02
; PRIOR APPLICATION NUMBER: 60/137,598
; PRIOR FILING DATE: 1999-06-03
; PRIOR APPLICATION NUMBER: 2,272,055
; PRIOR FILING DATE: 1999-06-02
; NUMBER OF SEQ ID NOS: 19
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 5
; LENGTH: 15
; TYPE: RNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: misc_difference
US-10-706-466-5/c
```

; LOCATION: y=l-10; n=11
; OTHER INFORMATION: y=c or u; n=any nucleotide
US-10-706-466-5

Query Match 30.0%; Score 3; DB 7; Length 15;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 RRR 3
Db 10 RRR 8

RESULT 195

US-10-833-951-6
; Sequence 6, Application US/10833951
; Publication No. US20050053970A1
; GENERAL INFORMATION:
; APPLICANT: BENSON, JOHN D.
; APPLICANT: VINCENT, SYLVIE M.
; APPLICANT: BRASHER, BRADLEY B.
; APPLICANT: MIAO, ZHENWEI
; APPLICANT: LAMMIN, DUDLEY
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR IDENTIFYING PEPTIDE APTAMERS CAPABLE
; FILE REFERENCE: 4014.1037 US2
; CURRENT APPLICATION NUMBER: US/10/833,951
; CURRENT FILING DATE: 2004-04-28
; PRIOR APPLICATION NUMBER: PCT/US02/35584
; PRIOR FILING DATE: 2002-11-06
; PRIOR APPLICATION NUMBER: 60/357,278
; PRIOR FILING DATE: 2002-02-14
; PRIOR APPLICATION NUMBER: 60/333,262
; PRIOR FILING DATE: 2001-11-06
; NUMBER OF SEQ ID NOS: 346
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 6
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic construct
; FEATURE:
; NAME/KEY: modified_base
; LOCATION: (7)..(9)
; OTHER INFORMATION: a, c, g, t, unknown, or other
US-10-833-951-6

Query Match 30.0%; Score 3; DB 9; Length 15;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 7 GYY 9
Db 11 GYY 13

RESULT 196

US-10-833-951-6/c
; Sequence 6, Application US/10833951
; Publication No. US20050053970A1
; GENERAL INFORMATION:
; APPLICANT: BENSON, JOHN D.
; APPLICANT: VINCENT, SYLVIE M.
; APPLICANT: BRASHER, BRADLEY B.
; APPLICANT: MIAO, ZHENWEI
; APPLICANT: LAMMIN, DUDLEY
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR IDENTIFYING PEPTIDE APTAMERS CAPABLE
; FILE REFERENCE: 4014.1037 US2
; CURRENT APPLICATION NUMBER: US/10/833,951
; CURRENT FILING DATE: 2004-04-28
; PRIOR APPLICATION NUMBER: PCT/US02/35584

; PRIOR FILING DATE: 2002-11-06
; PRIOR APPLICATION NUMBER: 60/357,278
; PRIOR FILING DATE: 2002-02-14
; PRIOR APPLICATION NUMBER: 60/333,262
; PRIOR FILING DATE: 2001-11-06
; NUMBER OF SEQ ID NOS: 346
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 6
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic construct
; FEATURE:
; NAME/KEY: modified_base
; LOCATION: (7)..(9)
; OTHER INFORMATION: a, c, g, t, unknown, or other
US-10-833-951-6

Query Match 30.0%; Score 3; DB 9; Length 15;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2 RRC 4
Db 13 RRC 11

RESULT 197

US-11-079-933-31
; Sequence 31, Application US/11079933
; Publication No. US20050221430A1
; GENERAL INFORMATION:
; APPLICANT: Prentice, Holly
; TITLE OF INVENTION: Methods And Constructs For Expressing Polypeptide Multimers In
; FILE REFERENCE: 2159.0310001
; CURRENT APPLICATION NUMBER: US/11/079,933
; CURRENT FILING DATE: 2005-03-15
; PRIOR APPLICATION NUMBER: US 60/553,478
; PRIOR FILING DATE: 2004-03-15
; NUMBER OF SEQ ID NOS: 35
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 31
; LENGTH: 15
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Splice site cassette
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (1)..(10)
; OTHER INFORMATION: y is 'c' or 't'
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; NAME/KEY: misc feature
; LOCATION: (11)..(11)
; OTHER INFORMATION: n is any nucleotide
US-11-079-933-31

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RESULT 198

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; Sequence 31, Application US/11079933
; Publication No. US20050221430A1
; GENERAL INFORMATION:

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; APPLICANT: Prentice, Holly
; TITLE OF INVENTION: Methods And Constructs For Expressing Polypeptide Multimers In
; FILE OF INVENTION: Eukaryotic Cells Using Alternative Splicing
; FILE REFERENCE: 2159.0310001
; CURRENT APPLICATION NUMBER: US/11/079,933
; CURRENT FILING DATE: 2005-03-15
; PRIOR APPLICATION NUMBER: US 60/553,478
; PRIOR FILING DATE: 2004-03-15
; NUMBER OF SEQ ID NOS: 35
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 31
; LENGTH: 15
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
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; LOCATION: (1)-(10)
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; Sequence 11, Application US/09754014
; Patent No. US20020119940A1
; GENERAL INFORMATION:
; APPLICANT: Jeff No. US20020119940A1dstrom
; Bruce Freimark
; Deepa Deshpande
; TITLE OF INVENTION: GENE EXPRESSION AND DELIVERY SYSTEMS
; NUMBER OF SEQUENCES: 12
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: FastSEQ for Windows 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/754,014
; FILING DATE: 03-Jan-2001
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/948,958
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Berkman, Charles S.
; REGISTRATION NUMBER: 38,077
; REFERENCE/DOCKET NUMBER: 226/284
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 11:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 16 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; FEATURE:
; OTHER INFORMATION: The letter "y" stands for C or T.
; The letter "n" stands for any base.
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; TELEFAX: (213) 955-0440
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; INFORMATION FOR SEQ ID NO: 11:
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US-09-754-014-11

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; Patent No. US20020119940A1
; GENERAL INFORMATION:
; APPLICANT: Jeff No. US20020119940A1dstrom
; Bruce Freimark
; Deepa Deshpande
; TITLE OF INVENTION: GENE EXPRESSION AND DELIVERY SYSTEMS
; NUMBER OF SEQUENCES: 12
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: FastSEQ for Windows 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/754,014
; FILING DATE: 03-Jan-2001
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/948,958
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Berkman, Charles S.
; REGISTRATION NUMBER: 38,077
; REFERENCE/DOCKET NUMBER: 226/284
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 11:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 16 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
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; OTHER INFORMATION: The letter "y" stands for C or T.
; The letter "n" stands for any base.
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US-09-754-014-11

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OM nucleic - nucleic search, using sw model

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Gapop 60.0 , Gapext 60.0

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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

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C 249	2	20.0	19	7	US-10-750-185-18036	Sequence 18036, A	322	2	20.0	20	8	US-11-025-834A-2	Sequence 2, Appl
C 250	2	20.0	19	7	US-10-860-388-198	Sequence 198, App	323	2	20.0	20	8	US-11-025-834A-3	Sequence 3, Appl
C 251	2	20.0	19	7	US-10-860-388-198	Sequence 198, App	324	2	20.0	20	8	US-11-025-834A-3	Sequence 3, Appl
C 252	2	20.0	19	7	US-10-750-623-10033	Sequence 10033, A	325	2	20.0	20	8	US-11-025-834A-23	Sequence 23, Appl
C 253	2	20.0	19	7	US-10-750-623-10033	Sequence 10033, A	326	2	20.0	20	8	US-11-025-834A-23	Sequence 23, Appl
C 254	2	20.0	19	7	US-10-750-623-10170	Sequence 10170, A	327	2	20.0	20	8	US-11-025-834A-24	Sequence 24, Appl
C 255	2	20.0	19	7	US-10-750-623-10170	Sequence 10170, A	328	2	20.0	20	8	US-11-025-834A-24	Sequence 24, Appl
C 256	2	20.0	19	7	US-10-750-623-10863	Sequence 10863, A	329	2	20.0	20	8	US-11-025-834A-25	Sequence 25, Appl
C 257	2	20.0	19	7	US-10-750-623-10863	Sequence 10863, A	330	2	20.0	20	8	US-11-025-834A-25	Sequence 25, Appl
C 258	2	20.0	19	7	US-10-750-623-11121	Sequence 11121, A	331	2	20.0	20	8	US-11-129-143-38	Sequence 38, Appl
C 259	2	20.0	19	7	US-10-750-623-11121	Sequence 11121, A	332	2	20.0	20	8	US-11-129-143-38	Sequence 38, Appl
C 260	2	20.0	19	7	US-10-750-623-12160	Sequence 12160, A	333	2	20.0	20	8	US-11-129-143-39	Sequence 39, Appl
C 261	2	20.0	19	7	US-10-750-623-12160	Sequence 12160, A	334	2	20.0	20	8	US-11-129-143-39	Sequence 39, Appl
C 262	2	20.0	19	7	US-10-750-623-12982	Sequence 12982, A	335	2	20.0	20	8	US-11-167-048-3	Sequence 3, Appl
C 263	2	20.0	19	7	US-10-750-623-12982	Sequence 12982, A	336	2	20.0	20	8	US-11-167-048-3	Sequence 3, Appl
C 264	2	20.0	19	7	US-10-750-623-14504	Sequence 14504, A	337	2	20.0	20	8	US-11-039-756-6	Sequence 6, Appl
C 265	2	20.0	19	7	US-10-750-623-14504	Sequence 14504, A	338	2	20.0	20	8	US-11-039-756-6	Sequence 6, Appl
C 266	2	20.0	19	7	US-10-750-623-15414	Sequence 15414, A	339	2	20.0	20	8	US-11-039-756-7	Sequence 7, Appl
C 267	2	20.0	19	7	US-10-750-623-15414	Sequence 15414, A	340	2	20.0	20	8	US-11-039-756-7	Sequence 7, Appl
C 268	2	20.0	19	7	US-10-750-623-15729	Sequence 15729, A	341	2	20.0	20	8	US-11-041-471-34	Sequence 34, Appl
C 269	2	20.0	19	7	US-10-750-623-15729	Sequence 15729, A	342	2	20.0	20	8	US-11-041-471-34	Sequence 34, Appl
C 270	2	20.0	19	7	US-10-750-623-16438	Sequence 16438, A	343	2	20.0	20	8	US-11-121-634-60	Sequence 60, Appl
C 271	2	20.0	19	7	US-10-750-623-16438	Sequence 16438, A	344	2	20.0	20	8	US-11-121-634-60	Sequence 60, Appl
C 272	2	20.0	19	7	US-10-750-623-18036	Sequence 18036, A	345	2	20.0	20	8	US-11-191-588-38	Sequence 38, Appl
C 273	2	20.0	19	7	US-10-750-623-18036	Sequence 18036, A	346	2	20.0	20	8	US-11-191-588-38	Sequence 38, Appl
C 274	2	20.0	19	8	US-11-101-287-119	Sequence 119, App	347	2	20.0	20	8	US-11-191-588-44	Sequence 44, Appl
C 275	2	20.0	19	8	US-11-101-287-119	Sequence 119, App	348	2	20.0	20	8	US-11-191-588-44	Sequence 44, Appl
C 276	2	20.0	19	8	US-11-115-922-119	Sequence 119, App	349	2	20.0	20	8	US-11-201-443-4	Sequence 4, Appl
C 277	2	20.0	19	8	US-11-115-922-119	Sequence 119, App	350	2	20.0	20	8	US-11-201-443-4	Sequence 4, Appl
C 278	2	20.0	20	7	US-10-502-145-4	Sequence 4, Appl	351	2	20.0	21	6	US-10-838-616-63	Sequence 63, Appl
C 279	2	20.0	20	7	US-10-502-145-4	Sequence 4, Appl	352	2	20.0	21	6	US-10-838-616-63	Sequence 63, Appl
C 280	2	20.0	20	7	US-10-502-145-8	Sequence 8, Appl	353	2	20.0	21	6	US-10-886-517A-27	Sequence 27, Appl
C 281	2	20.0	20	7	US-10-502-145-8	Sequence 8, Appl	354	2	20.0	21	6	US-10-886-517A-27	Sequence 27, Appl
C 282	2	20.0	20	7	US-10-343-107A-7	Sequence 7, Appl	355	2	20.0	21	6	US-10-714-887-430	Sequence 430, App
C 283	2	20.0	20	7	US-10-343-107A-7	Sequence 7, Appl	356	2	20.0	21	6	US-10-714-887-430	Sequence 430, App
C 284	2	20.0	20	7	US-10-353-783-7	Sequence 7, Appl	357	2	20.0	21	7	US-10-831-997-12	Sequence 12, Appl
C 285	2	20.0	20	7	US-10-353-783-7	Sequence 7, Appl	358	2	20.0	21	7	US-10-831-997-12	Sequence 12, Appl
C 286	2	20.0	20	7	US-10-750-185-13328	Sequence 13328, A	359	2	20.0	21	7	US-10-831-997-15	Sequence 15, Appl
C 287	2	20.0	20	7	US-10-750-185-13328	Sequence 13328, A	360	2	20.0	21	7	US-10-831-997-15	Sequence 15, Appl
C 288	2	20.0	20	7	US-10-750-185-13563	Sequence 13563, A	361	2	20.0	21	7	US-10-831-997-21	Sequence 21, Appl
C 289	2	20.0	20	7	US-10-750-185-16734	Sequence 16734, A	362	2	20.0	21	7	US-10-831-997-21	Sequence 21, Appl
C 290	2	20.0	20	7	US-10-750-185-16734	Sequence 16734, A	363	2	20.0	21	7	US-10-831-997-23	Sequence 23, Appl
C 291	2	20.0	20	7	US-10-750-185-18124	Sequence 18124, A	364	2	20.0	21	7	US-10-831-997-23	Sequence 23, Appl
C 292	2	20.0	20	7	US-10-750-185-18124	Sequence 18124, A	365	2	20.0	21	7	US-10-831-997-24	Sequence 24, Appl
C 293	2	20.0	20	7	US-10-750-185-18390	Sequence 18390, A	366	2	20.0	21	7	US-10-831-997-24	Sequence 24, Appl
C 294	2	20.0	20	7	US-10-750-185-18390	Sequence 18390, A	367	2	20.0	21	7	US-10-831-997-33	Sequence 33, Appl
C 295	2	20.0	20	7	US-10-521-162-14	Sequence 14, Appl	368	2	20.0	21	7	US-10-831-997-33	Sequence 33, Appl
C 296	2	20.0	20	7	US-10-521-162-14	Sequence 14, Appl	369	2	20.0	21	7	US-10-831-997-35	Sequence 35, Appl
C 297	2	20.0	20	7	US-10-750-623-13328	Sequence 13328, A	370	2	20.0	21	7	US-10-831-997-35	Sequence 35, Appl
C 298	2	20.0	20	7	US-10-750-623-13328	Sequence 13328, A	371	2	20.0	21	7	US-10-831-997-36	Sequence 36, Appl
C 299	2	20.0	20	7	US-10-750-623-13563	Sequence 13563, A	372	2	20.0	21	7	US-10-831-997-36	Sequence 36, Appl
C 300	2	20.0	20	7	US-10-750-623-13563	Sequence 13563, A	373	2	20.0	21	7	US-10-831-997-38	Sequence 38, Appl
C 301	2	20.0	20	7	US-10-750-623-16734	Sequence 16734, A	374	2	20.0	21	7	US-10-831-997-38	Sequence 38, Appl
C 302	2	20.0	20	7	US-10-750-623-16734	Sequence 16734, A	375	2	20.0	21	7	US-10-831-997-43	Sequence 43, Appl
C 303	2	20.0	20	7	US-10-750-623-18124	Sequence 18124, A	376	2	20.0	21	7	US-10-831-997-43	Sequence 43, Appl
C 304	2	20.0	20	7	US-10-750-623-18124	Sequence 18124, A	377	2	20.0	21	7	US-10-831-997-46	Sequence 46, Appl
C 305	2	20.0	20	7	US-10-750-623-18124	Sequence 18124, A	378	2	20.0	21	7	US-10-831-997-46	Sequence 46, Appl
C 306	2	20.0	20	7	US-10-750-623-18390	Sequence 18390, A	379	2	20.0	21	7	US-10-831-997-50	Sequence 50, Appl
C 307	2	20.0	20	7	US-10-750-623-18390	Sequence 18390, A	380	2	20.0	21	7	US-10-831-997-50	Sequence 50, Appl
C 308	2	20.0	20	7	US-10-170-997-3	Sequence 3, Appl	381	2	20.0	21	7	US-10-831-997-53	Sequence 53, Appl
C 309	2	20.0	20	7	US-10-170-997-3	Sequence 3, Appl	382	2	20.0	21	7	US-10-831-997-53	Sequence 53, Appl
C 310	2	20.0	20	7	US-10-170-997-5	Sequence 5, Appl	383	2	20.0	21	7	US-10-831-997-63	Sequence 63, Appl
C 311	2	20.0	20	8	US-11-191-374-38	Sequence 38, Appl	384	2	20.0	21	7	US-10-831-997-63	Sequence 63, Appl
C 312	2	20.0	20	8	US-11-191-374-38	Sequence 38, Appl	385	2	20.0	21	7	US-10-831-997-74	Sequence 74, Appl
C 313	2	20.0	20	8	US-11-191-374-44	Sequence 44, Appl	386	2	20.0	21	7	US-10-831-997-74	Sequence 74, Appl
C 314	2	20.0	20	8	US-11-191-374-44	Sequence 44, Appl	387	2	20.0	21	7	US-10-831-997-75	Sequence 75, Appl

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C 680	2	20.0	21	7	US-10-831-997-816	Sequence 816, App	753	2	20.0	21	7	US-10-831-997-1054	Sequence 1054, App
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C 682	2	20.0	21	7	US-10-831-997-820	Sequence 820, App	C 755	2	20.0	21	7	US-10-831-997-1060	Sequence 1060, App
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C 686	2	20.0	21	7	US-10-831-997-842	Sequence 842, App	C 759	2	20.0	21	7	US-10-831-997-1064	Sequence 1064, App
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C 702	2	20.0	21	7	US-10-831-997-887	Sequence 887, App	C 775	2	20.0	21	7	US-10-831-997-1108	Sequence 1108, App
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C 706	2	20.0	21	7	US-10-831-997-901	Sequence 901, App	C 779	2	20.0	21	7	US-10-831-997-1114	Sequence 1114, App
C 707	2	20.0	21	7	US-10-831-997-907	Sequence 907, App	C 780	2	20.0	21	7	US-10-831-997-1114	Sequence 1114, App
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C 713	2	20.0	21	7	US-10-831-997-920	Sequence 920, App	C 786	2	20.0	21	7	US-10-831-997-1148	Sequence 1148, App
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C 727	2	20.0	21	7	US-10-831-997-978	Sequence 978, App	C 800	2	20.0	21	7	US-10-831-997-1202	Sequence 1202, App
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C 739	2	20.0	21	7	US-10-831-997-1006	Sequence 1006, App	C 812	2	20.0	21	7	US-10-831-997-1244	Sequence 1244, App
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C 743	2	20.0	21	7	US-10-831-997-1015	Sequence 1015, App	C 816	2	20.0	21	7	US-10-831-997-1266	Sequence 1266, App
C 744	2	20.0	21	7	US-10-831-997-1030	Sequence 1030, App	C 817	2	20.0	21	7	US-10-831-997-1268	Sequence 1268, App
C 745	2	20.0	21	7	US-10-831-997-1030	Sequence 1030, App	C 818	2	20.0	21	7	US-10-831-997-1268	Sequence 1268, App
C 746	2	20.0	21	7	US-10-831-997-1047	Sequence 1047, App	C 819	2	20.0	21	7	US-10-831-997-1271	Sequence 1271, App
C 747	2	20.0	21	7	US-10-831-997-1047	Sequence 1047, App	C 820	2	20.0	21	7	US-10-831-997-1271	Sequence 1271, App
C 748	2	20.0	21	7	US-10-831-997-1048	Sequence 1048, App	C 821	2	20.0	21	7	US-10-831-997-1274	Sequence 1274, App
C 749	2	20.0	21	7	US-10-831-997-1049	Sequence 1049, App	C 822	2	20.0	21	7	US-10-831-997-1274	Sequence 1274, App
C 750	2	20.0	21	7	US-10-831-997-1049	Sequence 1049, App	C 823	2	20.0	21	7	US-10-831-997-1289	Sequence 1289, App
C 751	2	20.0	21	7	US-10-831-997-1053	Sequence 1053, App	C 824	2	20.0	21	7	US-10-831-997-1289	Sequence 1289, App
C 752	2	20.0	21	7	US-10-831-997-1053	Sequence 1053, App	C 825	2	20.0	21	7	US-10-831-997-1292	Sequence 1292, App

c 972 2 20.0 21 7 US-10-831-997-1651 Sequence 1651, Ap
c 973 2 20.0 21 7 US-10-831-997-1653 Sequence 1653, Ap
c 974 2 20.0 21 7 US-10-831-997-1653 Sequence 1653, Ap
c 975 2 20.0 21 7 US-10-831-997-1655 Sequence 1655, Ap
c 976 2 20.0 21 7 US-10-831-997-1655 Sequence 1655, Ap
c 977 2 20.0 21 7 US-10-831-997-1659 Sequence 1659, Ap
c 978 2 20.0 21 7 US-10-831-997-1659 Sequence 1659, Ap
c 979 2 20.0 21 7 US-10-831-997-1663 Sequence 1663, Ap
c 980 2 20.0 21 7 US-10-831-997-1663 Sequence 1663, Ap
c 981 2 20.0 21 7 US-10-831-997-1665 Sequence 1665, Ap
c 982 2 20.0 21 7 US-10-831-997-1665 Sequence 1665, Ap
c 983 2 20.0 21 7 US-10-831-997-1669 Sequence 1669, Ap
c 984 2 20.0 21 7 US-10-831-997-1669 Sequence 1669, Ap
c 985 2 20.0 21 7 US-10-831-997-1670 Sequence 1670, Ap
c 986 2 20.0 21 7 US-10-831-997-1670 Sequence 1670, Ap
c 987 2 20.0 21 7 US-10-831-997-1672 Sequence 1672, Ap
c 988 2 20.0 21 7 US-10-831-997-1672 Sequence 1672, Ap
c 989 2 20.0 21 7 US-10-831-997-1676 Sequence 1676, Ap
c 990 2 20.0 21 7 US-10-831-997-1676 Sequence 1676, Ap
c 991 2 20.0 21 7 US-10-831-997-1707 Sequence 1707, Ap
c 992 2 20.0 21 7 US-10-831-997-1707 Sequence 1707, Ap
c 993 2 20.0 21 7 US-10-831-997-1712 Sequence 1712, Ap
c 994 2 20.0 21 7 US-10-831-997-1712 Sequence 1712, Ap
c 995 2 20.0 21 7 US-10-831-997-1714 Sequence 1714, Ap
c 996 2 20.0 21 7 US-10-831-997-1714 Sequence 1714, Ap
c 997 2 20.0 21 7 US-10-831-997-1719 Sequence 1719, Ap
c 998 2 20.0 21 7 US-10-831-997-1719 Sequence 1719, Ap
c 999 2 20.0 21 7 US-10-831-997-1720 Sequence 1720, Ap
c1000 2 20.0 21 10 US-11-024-370-2 Sequence 2, Appli

ALIGNMENTS

RESULT 1
US-11-045-468A-19
; Sequence 19, Application US/11045468A
; Publication No. US20050255501A1
; GENERAL INFORMATION:
; APPLICANT: Ng, Patrick
; APPLICANT: Wei, Chialin
; APPLICANT: Ruan, Yijun
; TITLE OF INVENTION: Method for Gene Identification Signature (GIS) Analysis
; CURRENT APPLICATION NUMBER: US/11/045,468A
; CURRENT FILING DATE: 2005-01-31
; PRIOR APPLICATION NUMBER: 10/664,234
; PRIOR FILING DATE: 2003-09-17
; NUMBER OF SEQ ID NOS: 29
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 19
; LENGTH: 10
; TYPE: DNA
; ORGANISM: Artificial
; FEATURE:
; OTHER INFORMATION: mammalian p53 consensus sequence
; NAME/KEY: misc feature
; OTHER INFORMATION: r is a purine (A or G)
; FEATURE:
; NAME/KEY: misc feature
; OTHER INFORMATION: w is A or T
; NAME/KEY: misc feature
; OTHER INFORMATION: y is a pyrimidine (C or T)
US-11-045-468A-19

Query Match 100.0%; Score 10; DB 8; Length 10;
Best Local Similarity 100.0%; Pred. No. 1e-31;
Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 RRRCWGYYY 10
|||||||

Db 1 RRRCWGYYY 10

RESULT 2
US-11-045-468A-19/c
; Sequence 19, Application US/11045468A
; Publication No. US20050255501A1
; GENERAL INFORMATION:
; APPLICANT: Ng, Patrick
; APPLICANT: Wei, Chialin
; APPLICANT: Ruan, Yijun
; TITLE OF INVENTION: Method for Gene Identification Signature (GIS) Analysis
; FILE REFERENCE: 3240-107
; CURRENT APPLICATION NUMBER: US/11/045,468A
; CURRENT FILING DATE: 2005-01-31
; PRIOR APPLICATION NUMBER: 10/664,234
; PRIOR FILING DATE: 2003-09-17
; NUMBER OF SEQ ID NOS: 29
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 19
; LENGTH: 10
; TYPE: DNA
; ORGANISM: Artificial
; FEATURE:
; OTHER INFORMATION: mammalian p53 consensus sequence
; NAME/KEY: misc feature
; OTHER INFORMATION: r is a purine (A or G)
; FEATURE:
; NAME/KEY: misc feature
; OTHER INFORMATION: w is A or T
; NAME/KEY: misc feature
; OTHER INFORMATION: y is a pyrimidine (C or T)
US-11-045-468A-19

Query Match 100.0%; Score 10; DB 8; Length 10;
Best Local Similarity 100.0%; Pred. No. 1e-31;
Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 RRRCWGYYY 10
|||||||

Db 10 RRRCWGYYY 1

RESULT 3
US-10-661-478-8
; Sequence 8, Application US/10661478
; Publication No. US20050267299A1
; GENERAL INFORMATION:
; APPLICANT: Council of Scientific and Industrial Research
; TITLE OF INVENTION: A chemically synthesized artificial promoter for high level expres
; TITLE OF INVENTION: transgenes and a method for its synthesis
; FILE REFERENCE: 052511
; CURRENT APPLICATION NUMBER: US/10/661,478
; CURRENT FILING DATE: 2003-09-15
; PRIOR APPLICATION NUMBER: US/09/263,692A
; PRIOR FILING DATE: 1999-03-05
; PRIOR APPLICATION NUMBER: 3322/Del/98
; PRIOR FILING DATE: 1998-11-09
; NUMBER OF SEQ ID NOS: 20
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 8
; LENGTH: 6
; TYPE: DNA
; ORGANISM: Artificial
; FEATURE:
; OTHER INFORMATION: domain II(b)
US-10-661-478-8

Query Match 30.0%; Score 3; DB 7; Length 6;
Best Local Similarity 100.0%; Pred. No. 1.2e+08;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 4 CWW 6
Db 1 CWW 3

RESULT 4

US-10-661-478-8/c
; Sequence 8, Application US/10661478
; Publication No. US20050267299A1
; GENERAL INFORMATION:
; APPLICANT: Council of Scientific and Industrial Research
; TITLE OF INVENTION: A chemically synthesized artificial promoter for high level expression
; FILE OF INVENTION: transgenes and a method for its synthesis
; FILE REFERENCE: Q52511
; CURRENT APPLICATION NUMBER: US/10/661,478
; PRIOR FILING DATE: 2003-09-15
; PRIOR APPLICATION NUMBER: US/09/263,692A
; PRIOR FILING DATE: 1999-03-05
; PRIOR APPLICATION NUMBER: 3322/Del/98
; PRIOR FILING DATE: 1998-11-09
; NUMBER OF SEQ ID NOS: 20
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 8
; LENGTH: 6
; TYPE: DNA
; ORGANISM: Artificial
; FEATURE:
; OTHER INFORMATION: domain II(b)
US-10-661-478-8

Query Match 30.0%; Score 3; DB 7; Length 6;
Best Local Similarity 100.0%; Pred. No. 1.2e+08;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 5 WNG 7
Db 6 WNG 4

RESULT 5

US-10-661-478-7
; Sequence 7, Application US/10661478
; Publication No. US20050267299A1
; GENERAL INFORMATION:
; APPLICANT: Council of Scientific and Industrial Research
; TITLE OF INVENTION: A chemically synthesized artificial promoter for high level expression
; FILE OF INVENTION: transgenes and a method for its synthesis
; FILE REFERENCE: Q52511
; CURRENT APPLICATION NUMBER: US/10/661,478
; PRIOR FILING DATE: 2003-09-15
; PRIOR APPLICATION NUMBER: US/09/263,692A
; PRIOR FILING DATE: 1999-03-05
; PRIOR APPLICATION NUMBER: 3322/Del/98
; PRIOR FILING DATE: 1998-11-09
; NUMBER OF SEQ ID NOS: 20
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 7
; LENGTH: 8
; TYPE: DNA
; ORGANISM: Artificial
; FEATURE:
; OTHER INFORMATION: domain II(a)
US-10-661-478-7

Query Match 30.0%; Score 3; DB 7; Length 8;
Best Local Similarity 100.0%; Pred. No. 9.3e+07;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 RRR 3
Db 1 RRR 3

RESULT 6

US-10-661-478-7/c
; Sequence 7, Application US/10661478
; Publication No. US20050267299A1
; GENERAL INFORMATION:
; APPLICANT: Council of Scientific and Industrial Research
; TITLE OF INVENTION: A chemically synthesized artificial promoter for high level expression
; FILE OF INVENTION: transgenes and a method for its synthesis
; FILE REFERENCE: Q52511
; CURRENT APPLICATION NUMBER: US/10/661,478
; PRIOR FILING DATE: 2003-09-15
; PRIOR APPLICATION NUMBER: US/09/263,692A
; PRIOR FILING DATE: 1999-03-05
; PRIOR APPLICATION NUMBER: 3322/Del/98
; PRIOR FILING DATE: 1998-11-09
; NUMBER OF SEQ ID NOS: 20
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 7
; LENGTH: 8
; TYPE: DNA
; ORGANISM: Artificial
; FEATURE:
; OTHER INFORMATION: domain II(a)
US-10-661-478-7

Query Match 30.0%; Score 3; DB 7; Length 8;
Best Local Similarity 100.0%; Pred. No. 9.3e+07;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 8 YYY 10
Db 8 YYY 6

RESULT 7

US-11-041-471-29
; Sequence 29, Application US/11041471
; Publication No. US20050281830A1
; GENERAL INFORMATION:
; APPLICANT: Morrow, Phillip R.
; APPLICANT: Kang, Angray S.
; APPLICANT: Wang, Fei
; APPLICANT: Jiang, Ivy
; APPLICANT: Sawada-Hirai, Riteuk
; APPLICANT: Scholz, Wolfgang
; TITLE OF INVENTION: DETECTION, PREVENTION, AND TREATMENT SYSTEMS FOR ANTHRAX
; FILE REFERENCE: AVANIR.149CPI2
; CURRENT APPLICATION NUMBER: US/11/041,471
; CURRENT FILING DATE: 2005-01-24
; PRIOR APPLICATION NUMBER: unknown
; PRIOR FILING DATE: 2005-01-21
; PRIOR APPLICATION NUMBER: PCT/US2003/36555
; PRIOR FILING DATE: 2003-11-14
; PRIOR APPLICATION NUMBER: US 60/538,721
; PRIOR FILING DATE: 2004-01-23
; PRIOR APPLICATION NUMBER: US 60/562,421
; PRIOR FILING DATE: 2004-04-15
; NUMBER OF SEQ ID NOS: 58
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 29
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Chemically synthesized primer VL2
US-11-041-471-29

Query Match 30.0%; Score 3; DB 8; Length 21;
Best Local Similarity 100.0%; Pred. No. 0.055;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 7 GYY 9

```
Db          7 GYY 9
|||
Query Match      30.0%; Score 3; DB 7; Length 25;
Best Local Similarity 100.0%; Pred. No. 0.047;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

RESULT 8
US-11-041-471-29/c
; Sequence 29, Application US/11041471
; Publication No. US20050281830A1
; GENERAL INFORMATION:
; APPLICANT: Morrow, Phillip R.
; APPLICANT: Kang, Angray S.
; APPLICANT: Wang, Fei
; APPLICANT: Jiang, Ivy
; APPLICANT: Sawada-Hirai, Ritsuk
; APPLICANT: Scholz, Wolfgang
; TITLE OF INVENTION: DETECTION, PREVENTION, AND TREATMENT SYSTEMS FOR ANTHRAX
; FILE REFERENCE: AVANIR.149CPI2
; CURRENT APPLICATION NUMBER: US/11/041,471
; PRIOR FILING DATE: 2005-01-24
; PRIOR APPLICATION NUMBER: unknown
; PRIOR FILING DATE: 2005-01-21
; PRIOR APPLICATION NUMBER: PCT/US2003/36555
; PRIOR FILING DATE: 2003-11-14
; PRIOR APPLICATION NUMBER: US 60/538,721
; PRIOR FILING DATE: 2004-01-23
; PRIOR APPLICATION NUMBER: US 60/562,421
; PRIOR FILING DATE: 2004-04-15
; NUMBER OF SEQ ID NOS: 58
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 29
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Chemically synthesized primer VL2
US-11-041-471-29

Query Match      30.0%; Score 3; DB 8; Length 21;
Best Local Similarity 100.0%; Pred. No. 0.055;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY          2 RRC 4
|||
Db          9 RRC 7

RESULT 9
US-10-750-185-8955
; Sequence 8955, Application US/10750185
; Publication No. US20050260603A1
; GENERAL INFORMATION:
; APPLICANT: MMI GENOMICS, INC.
; APPLICANT: DENISE, Sue K.
; APPLICANT: KERR, Richard
; APPLICANT: ROSENFELD, David
; APPLICANT: HOLM, Tom
; APPLICANT: BATES, Stephen
; APPLICANT: FANTIN, Dennis
; TITLE OF INVENTION: COMPOSITIONS FOR INFERRING BOVINE TRAITS
; FILE REFERENCE: MM11100-2
; CURRENT APPLICATION NUMBER: US/10/750,185
; CURRENT FILING DATE: 2003-12-31
; PRIOR APPLICATION NUMBER: US 60/437,482
; PRIOR FILING DATE: 2002-12-31
; NUMBER OF SEQ ID NOS: 64922
; SOFTWARE: PatentIN version 3.1
; SEQ ID NO 8955
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: Extension Primer
,US-10-750-185-8955

Query Match      30.0%; Score 3; DB 7; Length 25;
Best Local Similarity 100.0%; Pred. No. 0.047;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY          2 RRC 4
|||
Db          20 RRC 18

RESULT 11
US-10-750-623-8955
; Sequence 8955, Application US/10750623
; Publication No. US20050287531A1
; GENERAL INFORMATION:
; APPLICANT: MMI GENOMICS, INC.
; APPLICANT: DENISE, Sue K.
; APPLICANT: KERR, Richard
; APPLICANT: ROSENFELD, David
; APPLICANT: HOLM, Tom
; APPLICANT: BATES, Stephen
; APPLICANT: FANTIN, Dennis
; TITLE OF INVENTION: METHODS AND SYSTEMS FOR INFERRING BOVINE TRAITS
; FILE REFERENCE: MM11100-1
; CURRENT APPLICATION NUMBER: US/10/750,623
; CURRENT FILING DATE: 2003-12-31
; PRIOR APPLICATION NUMBER: US 60/437,482
; PRIOR FILING DATE: 2002-12-31
; NUMBER OF SEQ ID NOS: 64922
; SOFTWARE: PatentIN version 3.1
; SEQ ID NO 8955
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: Extension Primer
,US-10-750-623-8955

Query Match      30.0%; Score 3; DB 7; Length 25;
Best Local Similarity 100.0%; Pred. No. 0.047;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY          2 RRC 4
|||
Db          20 RRC 18

RESULT 11
US-10-750-623-8955
; Sequence 8955, Application US/10750623
; Publication No. US20050287531A1
; GENERAL INFORMATION:
; APPLICANT: MMI GENOMICS, INC.
; APPLICANT: DENISE, Sue K.
; APPLICANT: KERR, Richard
; APPLICANT: ROSENFELD, David
; APPLICANT: HOLM, Tom
; APPLICANT: BATES, Stephen
; APPLICANT: FANTIN, Dennis
; TITLE OF INVENTION: METHODS AND SYSTEMS FOR INFERRING BOVINE TRAITS
; FILE REFERENCE: MM11100-1
; CURRENT APPLICATION NUMBER: US/10/750,623
; CURRENT FILING DATE: 2003-12-31
; PRIOR APPLICATION NUMBER: US 60/437,482
; PRIOR FILING DATE: 2002-12-31
; NUMBER OF SEQ ID NOS: 64922
; SOFTWARE: PatentIN version 3.1
; SEQ ID NO 8955
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: Extension Primer
,US-10-750-623-8955
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US-10-750-623-8955

Query Match 30.0%; Score 3; DB 7; Length 25;
Best Local Similarity 100.0%; Pred. No. 0.047;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 7 GY 9
|||
Db 18 GY 20

RESULT 12

US-10-750-623-8955/c
; Sequence 8955, Application US/10750623
; Publication No. US20050287531A1
; GENERAL INFORMATION:
; APPLICANT: MMI GENOMICS, INC.
; APPLICANT: DENISE, Sue K.
; APPLICANT: KERR, Richard
; APPLICANT: ROSENFELD, David
; APPLICANT: HOLM, Tom
; APPLICANT: BATES, Dennis
; APPLICANT: FANTIN, Dennis
; TITLE OF INVENTION: METHODS AND SYSTEMS FOR INFERRING BOVINE TRAITS
; FILE REFERENCE: MM1100-1
; CURRENT APPLICATION NUMBER: US/10/750,623
; CURRENT FILING DATE: 2003-12-31
; PRIOR APPLICATION NUMBER: US 60/437,482
; PRIOR FILING DATE: 2002-12-31
; NUMBER OF SEQ ID NOS: 64922
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 8955
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: Extension Primer
US-10-750-623-8955

Query Match 30.0%; Score 3; DB 7; Length 25;
Best Local Similarity 100.0%; Pred. No. 0.047;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2 RRC 4
|||
Db 20 RRC 18

RESULT 13

US-10-961-992B-4
; Sequence 4, Application US/10961992B
; Publication No. US20050245601A1
; GENERAL INFORMATION:
; APPLICANT: Schmitz, Harold
; TITLE OF INVENTION: Treatment of Diseases involving ErbB2 Kinase Overexpression
; FILE REFERENCE: 1010/135US1
; CURRENT APPLICATION NUMBER: US/10/961,992B
; CURRENT FILING DATE: 2004-10-08
; PRIOR APPLICATION NUMBER: 60/510,604
; PRIOR FILING DATE: 2003-10-10
; NUMBER OF SEQ ID NOS: 22
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 4
; LENGTH: 27
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: synthetic primer
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (16)..(16)
; OTHER INFORMATION: deoxyinosine
US-10-961-992B-4

Query Match 30.0%; Score 3; DB 7; Length 27;
Best Local Similarity 100.0%; Pred. No. 0.044;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 6 WGY 8
|||
Db 17 WGY 19

RESULT 14

US-10-961-992B-4/c
; Sequence 4, Application US/10961992B
; Publication No. US20050245601A1
; GENERAL INFORMATION:
; APPLICANT: Schmitz, Harold
; TITLE OF INVENTION: Treatment of Diseases involving ErbB2 Kinase Overexpression
; FILE REFERENCE: 1010/135US1
; CURRENT APPLICATION NUMBER: US/10/961,992B
; CURRENT FILING DATE: 2004-10-08
; PRIOR APPLICATION NUMBER: 60/510,604
; PRIOR FILING DATE: 2003-10-10
; NUMBER OF SEQ ID NOS: 22
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 4
; LENGTH: 27
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: synthetic primer
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (16)..(16)
; OTHER INFORMATION: deoxyinosine
US-10-961-992B-4

Query Match 30.0%; Score 3; DB 7; Length 27;
Best Local Similarity 100.0%; Pred. No. 0.044;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 3 RCW 5
|||
Db 19 RCW 17

RESULT 15

US-11-041-471-50
; Sequence 50, Application US/11041471
; Publication No. US20050281830A1
; GENERAL INFORMATION:
; APPLICANT: Morrow, Phillip R.
; APPLICANT: Kang, Angray S.
; APPLICANT: Jiang, Ivy
; APPLICANT: Sawada-Hirai, Ritsuk
; APPLICANT: Scholz, Wolfgang
; TITLE OF INVENTION: DETECTION, PREVENTION, AND TREATMENT SYSTEMS FOR ANTHRAX
; FILE REFERENCE: AVANIR.149CPI2
; CURRENT APPLICATION NUMBER: US/11/041,471
; CURRENT FILING DATE: 2005-01-24
; PRIOR APPLICATION NUMBER: unknown
; PRIOR FILING DATE: 2005-01-21
; PRIOR APPLICATION NUMBER: PCT/US2003/36555
; PRIOR FILING DATE: 2003-11-14
; PRIOR APPLICATION NUMBER: US 60/538,721
; PRIOR FILING DATE: 2004-01-23
; PRIOR APPLICATION NUMBER: US 60/562,421
; PRIOR FILING DATE: 2004-04-15
; NUMBER OF SEQ ID NOS: 58
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 50
; LENGTH: 30
; TYPE: DNA

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; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Chemically synthesized primer ApaVL2
US-11-041-471-50

Query Match          30.0%; Score 3; DB 8; Length 30;
Best Local Similarity 100.0%; Pred. No. 0.04;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 7 GY 9
   |||
Db 16 GY 18

RESULT 16
US-11-041-471-50/c
; Sequence 50, Application US/11041471
; Publication No. US20050281830A1
; GENERAL INFORMATION:
; APPLICANT: Morrow, Phillip R.
; APPLICANT: Kang, Angray S.
; APPLICANT: Wang, Fei
; APPLICANT: Jiang, Ivy
; APPLICANT: Sawada-Hirai, Ritsuk
; APPLICANT: Scholz, Wolfgang
; TITLE OF INVENTION: DETECTION, PREVENTION, AND TREATMENT SYSTEMS FOR ANTHRAX
; FILE REFERENCE: AVANIR.149CPI2
; CURRENT APPLICATION NUMBER: US/11/041,471
; PRIOR FILING DATE: 2005-01-24
; PRIOR APPLICATION NUMBER: unknown
; PRIOR FILING DATE: 2005-01-21
; PRIOR APPLICATION NUMBER: PCT/US2003/36555
; PRIOR FILING DATE: 2003-11-14
; PRIOR APPLICATION NUMBER: US 60/538,721
; PRIOR FILING DATE: 2004-01-23
; PRIOR APPLICATION NUMBER: US 60/562,421
; PRIOR FILING DATE: 2004-04-15
; NUMBER OF SEQ ID NOS: 58
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 50
; LENGTH: 30
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Chemically synthesized primer ApaVL2
US-11-041-471-50

Query Match          30.0%; Score 3; DB 8; Length 30;
Best Local Similarity 100.0%; Pred. No. 0.04;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2 RRC 4
   |||
Db 18 RRC 16

RESULT 17
US-10-209-208-59
; Sequence 59, Application US/10209208
; Publication No. US20050244921A1
; GENERAL INFORMATION:
; APPLICANT: Tsien, Roger
; APPLICANT: Campbell, Robert
; APPLICANT: Geoffrey Baird
; TITLE OF INVENTION: FLUORESCENT PROTEIN VARIANTS AND METHODS
; FILE REFERENCE: UC083.1CP2CP2
; CURRENT APPLICATION NUMBER: US/10/209,208
; CURRENT FILING DATE: 2002-07-29
; PRIOR APPLICATION NUMBER: 10/121,258
; PRIOR FILING DATE: 2002-04-10
; PRIOR APPLICATION NUMBER: 09/866,538
; PRIOR FILING DATE: 2001-05-24
```

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; PRIOR APPLICATION NUMBER: 09/794,308
; PRIOR FILING DATE: 2001-02-26
; NUMBER OF SEQ ID NOS: 80
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 59
; LENGTH: 39
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Mutagenic Primer
US-10-209-208-59

Query Match          30.0%; Score 3; DB 7; Length 39;
Best Local Similarity 100.0%; Pred. No. 0.031;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 4 CWW 6
   |||
Db 27 CWW 29

RESULT 18
US-10-209-208-59/c
; Sequence 59, Application US/10209208
; Publication No. US20050244921A1
; GENERAL INFORMATION:
; APPLICANT: Tsien, Roger
; APPLICANT: Campbell, Robert
; APPLICANT: Geoffrey Baird
; TITLE OF INVENTION: FLUORESCENT PROTEIN VARIANTS AND METHODS
; FILE REFERENCE: UC083.1CP2CP2
; CURRENT APPLICATION NUMBER: US/10/209,208
; CURRENT FILING DATE: 2002-07-29
; PRIOR APPLICATION NUMBER: 10/121,258
; PRIOR FILING DATE: 2002-04-10
; PRIOR APPLICATION NUMBER: 09/866,538
; PRIOR FILING DATE: 2001-05-24
; PRIOR APPLICATION NUMBER: 09/794,308
; PRIOR FILING DATE: 2001-02-26
; NUMBER OF SEQ ID NOS: 80
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 59
; LENGTH: 39
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Mutagenic Primer
US-10-209-208-59

Query Match          30.0%; Score 3; DB 7; Length 39;
Best Local Similarity 100.0%; Pred. No. 0.031;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 5 WWG 7
   |||
Db 29 WWG 27

RESULT 19
US-11-218-880-59
; Sequence 59, Application US/11218880
; Publication No. US20060003420A1
; GENERAL INFORMATION:
; APPLICANT: Tsien, Roger
; APPLICANT: Campbell, Robert
; TITLE OF INVENTION: MONOMERIC AND DIMERIC FLUORESCENT
; FILE REFERENCE: UC083.1CP2CP1
; CURRENT APPLICATION NUMBER: US/11/218,880
; CURRENT FILING DATE: 2005-09-01
; PRIOR APPLICATION NUMBER: US/10/121,258
; PRIOR FILING DATE: 2002-04-10
```

; PRIOR APPLICATION NUMBER: 09/794,308
; PRIOR FILING DATE: 2001-02-26
; PRIOR APPLICATION NUMBER: 09/866,538
; PRIOR FILING DATE: 2001-05-24
; NUMBER OF SEQ ID NOS: 78
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 59
; LENGTH: 39
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Mutagenic Primer
US-11-218-880-59

Query Match 30.0%; Score 3; DB 8; Length 39;
Best Local Similarity 100.0%; Pred. No. 0.031; 0; Indels 0; Gaps 0;
Matches 3; Conservative 0; Mismatches 0;

QY 4 CWG 6
Db 27 CWG 29

RESULT 20
US-11-218-880-59/c
; Sequence 59, Application US/11218880
; Publication No. US20060003420A1
; GENERAL INFORMATION:
; APPLICANT: Tsien, Roger
; APPLICANT: Campbell, Robert
; TITLE OF INVENTION: MONOMERIC AND DIMERIC FLUORESCENT
; TITLE OF INVENTION: PROTEIN VARIANTS AND METHODS FOR MAKING SAME
; FILE REFERENCE: UC083.1CP2CP1
; CURRENT APPLICATION NUMBER: US/11/218,880
; CURRENT FILING DATE: 2005-09-01
; PRIOR APPLICATION NUMBER: US/10/121,258
; PRIOR FILING DATE: 2002-04-10
; PRIOR APPLICATION NUMBER: 09/794,308
; PRIOR FILING DATE: 2001-02-26
; PRIOR APPLICATION NUMBER: 09/866,538
; PRIOR FILING DATE: 2001-05-24
; NUMBER OF SEQ ID NOS: 78
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 59
; LENGTH: 39
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Mutagenic Primer
US-11-218-880-59

Query Match 30.0%; Score 3; DB 8; Length 39;
Best Local Similarity 100.0%; Pred. No. 0.031; 0; Indels 0; Gaps 0;
Matches 3; Conservative 0; Mismatches 0;

QY 5 WNG 7
Db 29 WNG 27

RESULT 21
US-10-957-351-400
; Sequence 400, Application US/10957351
; Publication No. US20060008844A1
; GENERAL INFORMATION:
; APPLICANT: Stemmer, Willem P. C.
; APPLICANT: Perltroth, D. Victor
; APPLICANT: Satyal, Sanjeev
; APPLICANT: Avidia Research Institute
; TITLE OF INVENTION: c-Met Kinase Binding Proteins
; FILE REFERENCE: 022013-001400US
; CURRENT APPLICATION NUMBER: US/10/957,351
; CURRENT FILING DATE: 2004-09-30

; PRIOR APPLICATION NUMBER: US 10/871,602
; PRIOR FILING DATE: 2004-06-17
; NUMBER OF SEQ ID NOS: 471
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 400
; LENGTH: 75
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Group 1 assembly PCR oligonucleotide 3
; FEATURE:
; NAME/KEY: modified_base
; LOCATION: (16)...(16)
; OTHER INFORMATION: n = g, a, c or t
US-10-957-351-400

Query Match 30.0%; Score 3; DB 6; Length 75;
Best Local Similarity 100.0%; Pred. No. 0.017; 0; Indels 0; Gaps 0;
Matches 3; Conservative 0; Mismatches 0;

QY 7 GY 9
Db 21 GY 23

RESULT 22
US-10-957-351-400/c
; Sequence 400, Application US/10957351
; Publication No. US20060008844A1
; GENERAL INFORMATION:
; APPLICANT: Stemmer, Willem P. C.
; APPLICANT: Perltroth, D. Victor
; APPLICANT: Satyal, Sanjeev
; APPLICANT: Avidia Research Institute
; TITLE OF INVENTION: c-Met Kinase Binding Proteins
; FILE REFERENCE: 022013-001400US
; CURRENT APPLICATION NUMBER: US/10/957,351
; CURRENT FILING DATE: 2004-09-30
; PRIOR APPLICATION NUMBER: US 10/871,602
; PRIOR FILING DATE: 2004-06-17
; NUMBER OF SEQ ID NOS: 471
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 400
; LENGTH: 75
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Group 1 assembly PCR oligonucleotide 3
; NAME/KEY: modified_base
; LOCATION: (16)...(16)
; OTHER INFORMATION: n = g, a, c or t
US-10-957-351-400

Query Match 30.0%; Score 3; DB 6; Length 75;
Best Local Similarity 100.0%; Pred. No. 0.017; 0; Indels 0; Gaps 0;
Matches 3; Conservative 0; Mismatches 0;

QY 2 RRC 4
Db 23 RRC 21

RESULT 23
US-10-957-351-402
; Sequence 402, Application US/10957351
; Publication No. US20060008844A1
; GENERAL INFORMATION:
; APPLICANT: Stemmer, Willem P. C.
; APPLICANT: Perltroth, D. Victor
; APPLICANT: Satyal, Sanjeev
; APPLICANT: Avidia Research Institute
; TITLE OF INVENTION: c-Met Kinase Binding Proteins

```

; FILE REFERENCE: 022013-001400US
; CURRENT APPLICATION NUMBER: US/10/957,351
; CURRENT FILING DATE: 2004-09-30
; PRIOR APPLICATION NUMBER: US 10/871,602
; PRIOR FILING DATE: 2004-06-17
; NUMBER OF SEQ ID NOS: 471
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 402
; LENGTH: 81
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Group 1 assembly PCR oligonucleotide 5
; NAME/KEY: modified_base
; LOCATION: (16)...(16)
; OTHER INFORMATION: n = g, a, c or t
US-10-957-351-402

Query Match          30.0%; Score 3; DB 6; Length 81;
Best Local Similarity 100.0%; Pred. No. 0.015;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      7 GY 9
      |||
Db      21 GY 23

RESULT 24
US-10-957-351-402/c
; Sequence 402, Application US/10957351
; Publication No. US2006008844A1
; GENERAL INFORMATION:
; APPLICANT: Stemmer, Willem P. C.
; APPLICANT: Perliroth, D. Victor
; APPLICANT: Satval, Sanjeev
; APPLICANT: Avidia Research Institute
; TITLE OF INVENTION: c-Met Kinase Binding Proteins
; FILE REFERENCE: 022013-001400US
; CURRENT APPLICATION NUMBER: US/10/957,351
; CURRENT FILING DATE: 2004-09-30
; PRIOR APPLICATION NUMBER: US 10/871,602
; PRIOR FILING DATE: 2004-06-17
; NUMBER OF SEQ ID NOS: 471
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 402
; LENGTH: 81
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Group 1 assembly PCR oligonucleotide 5
; NAME/KEY: modified_base
; LOCATION: (16)...(16)
; OTHER INFORMATION: n = g, a, c or t
US-10-957-351-402

Query Match          30.0%; Score 3; DB 6; Length 81;
Best Local Similarity 100.0%; Pred. No. 0.015;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      2 RRC 4
      |||
Db      23 RRC 21

RESULT 25
US-11-073-112-10
; Sequence 10, Application US/11073112
; Publication No. US20050260627A1
; GENERAL INFORMATION:
; APPLICANT: Hintz et al.
; TITLE OF INVENTION: Mannosidases and Methods for using the Same

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; FILE REFERENCE: 62447-02
; CURRENT APPLICATION NUMBER: US/11/073,112
; CURRENT FILING DATE: 2005-03-03
; PRIOR APPLICATION NUMBER: US 10/089,211
; PRIOR FILING DATE: 2002-02-25
; PRIOR APPLICATION NUMBER: PCT/US00/27210
; PRIOR FILING DATE: 2000-10-02
; PRIOR APPLICATION NUMBER: 60/157,341
; PRIOR FILING DATE: 1999-10-01
; NUMBER OF SEQ ID NOS: 25
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 10
; LENGTH: 6
; TYPE: DNA
; ORGANISM: Aspergillus nidulans
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (1)..(1)
; OTHER INFORMATION: r is g or a
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (4)..(4)
; OTHER INFORMATION: r is g or a
US-11-073-112-10

Query Match          20.0%; Score 2; DB 8; Length 6;
Best Local Similarity 100.0%; Pred. No. 1.12e+08;
Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      3 RC 4
      ||
Db      1 RC 2

RESULT 26
US-11-073-112-10/c
; Sequence 10, Application US/11073112
; Publication No. US20050260627A1
; GENERAL INFORMATION:
; APPLICANT: Hintz et al.
; TITLE OF INVENTION: Mannosidases and Methods for using the Same
; FILE REFERENCE: 62447-02
; CURRENT APPLICATION NUMBER: US/11/073,112
; CURRENT FILING DATE: 2005-03-03
; PRIOR APPLICATION NUMBER: US 10/089,211
; PRIOR FILING DATE: 2002-02-25
; PRIOR APPLICATION NUMBER: PCT/US00/27210
; PRIOR FILING DATE: 2000-10-02
; PRIOR APPLICATION NUMBER: 60/157,341
; PRIOR FILING DATE: 1999-10-01
; NUMBER OF SEQ ID NOS: 25
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 10
; LENGTH: 6
; TYPE: DNA
; ORGANISM: Aspergillus nidulans
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (1)..(1)
; OTHER INFORMATION: r is g or a
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (4)..(4)
; OTHER INFORMATION: r is g or a
US-11-073-112-10

Query Match          20.0%; Score 2; DB 8; Length 6;
Best Local Similarity 100.0%; Pred. No. 1.12e+08;
Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      7 GY 8
      ||
Db      2 GY 1

```



```
RESULT 27
US-11-073-112-19
; Sequence 19, Application US/11073112
; Publication No. US20050260627A1
; GENERAL INFORMATION:
; APPLICANT: Hintz et al.
; TITLE OF INVENTION: Mannosidases and Methods for using the Same
; FILE REFERENCE: 62447-02
; CURRENT APPLICATION NUMBER: US/11/073,112
; CURRENT FILING DATE: 2005-03-03
; PRIOR APPLICATION NUMBER: US 10/089,211
; PRIOR FILING DATE: 2002-02-25
; PRIOR APPLICATION NUMBER: PCT/US00/27210
; PRIOR FILING DATE: 2000-10-02
; PRIOR APPLICATION NUMBER: 60/157,341
; PRIOR FILING DATE: 1999-10-01
; NUMBER OF SEQ ID NOS: 25
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 19
; LENGTH: 6
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Consensus Splice Site
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (1)..(1)
; OTHER INFORMATION: r is g or a
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (4)..(4)
; OTHER INFORMATION: r is g or a
US-11-073-112-19

Query Match      20.0%; Score 2; DB 8; Length 6;
Best Local Similarity 100.0%; Pred. No. 1.2e+08;
Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      3 RC 4
        ||
DB      1 RC 2

RESULT 28
US-11-073-112-19/c
; Sequence 19, Application US/11073112
; Publication No. US20050260627A1
; GENERAL INFORMATION:
; APPLICANT: Hintz et al.
; TITLE OF INVENTION: Mannosidases and Methods for using the Same
; FILE REFERENCE: 62447-02
; CURRENT APPLICATION NUMBER: US/11/073,112
; CURRENT FILING DATE: 2005-03-03
; PRIOR APPLICATION NUMBER: US 10/089,211
; PRIOR FILING DATE: 2002-02-25
; PRIOR APPLICATION NUMBER: PCT/US00/27210
; PRIOR FILING DATE: 2000-10-02
; PRIOR APPLICATION NUMBER: 60/157,341
; PRIOR FILING DATE: 1999-10-01
; NUMBER OF SEQ ID NOS: 25
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 19
; LENGTH: 6
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Consensus Splice Site
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (1)..(1)
; OTHER INFORMATION: r is g or a
```

```
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (4)..(4)
; OTHER INFORMATION: r is g or a
US-11-073-112-19

Query Match      20.0%; Score 2; DB 8; Length 6;
Best Local Similarity 100.0%; Pred. No. 1.2e+08;
Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      7 GY 8
        ||
DB      2 GY 1

RESULT 29
US-11-035-546-25
; Sequence 25, Application US/11035546
; Publication No. US20050260615A1
; GENERAL INFORMATION:
; APPLICANT: Palenchar, Peter
; APPLICANT: Shaasha, Dennis
; APPLICANT: Chou, Michael
; APPLICANT: Rejali, Marc
; APPLICANT: Dorsset, Yari
; APPLICANT: Kouranov, Andrei
; APPLICANT: Coruzzi, Gloria
; TITLE OF INVENTION: System and Process of Determining a Biological Specimen
; FILE REFERENCE: 035611/US/2
; CURRENT APPLICATION NUMBER: US/11/035,546
; CURRENT FILING DATE: 2005-01-14
; PRIOR APPLICATION NUMBER: US 60/536,654
; PRIOR FILING DATE: 2004-01-15
; NUMBER OF SEQ ID NOS: 26
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 25
; LENGTH: 7
; TYPE: DNA
; ORGANISM: Arabidopsis thaliana
US-11-035-546-25

Query Match      20.0%; Score 2; DB 8; Length 7;
Best Local Similarity 100.0%; Pred. No. 1.1e+08;
Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      6 WG 7
        ||
DB      2 WG 3

RESULT 30
US-11-035-546-25/c
; Sequence 25, Application US/11035546
; Publication No. US20050260615A1
; GENERAL INFORMATION:
; APPLICANT: Palenchar, Peter
; APPLICANT: Shaasha, Dennis
; APPLICANT: Chou, Michael
; APPLICANT: Rejali, Marc
; APPLICANT: Dorsset, Yari
; APPLICANT: Kouranov, Andrei
; APPLICANT: Coruzzi, Gloria
; TITLE OF INVENTION: System and Process of Determining a Biological Specimen
; FILE REFERENCE: 035611/US/2
; CURRENT APPLICATION NUMBER: US/11/035,546
; CURRENT FILING DATE: 2005-01-14
; PRIOR APPLICATION NUMBER: US 60/536,654
; PRIOR FILING DATE: 2004-01-15
; NUMBER OF SEQ ID NOS: 26
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 25
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```
; LENGTH: 7
; TYPE: DNA
; ORGANISM: Arabidopsis thaliana
US-11-035-546-25

Query Match      20.0%; Score 2; DB 8; Length 7;
Best Local Similarity 100.0%; Pred. No. 1.1e+08;
Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      4 CW 5
Db      3 CW 2

RESULT 31
US-10-942-072-9
; Sequence 9, Application US/10942072
; Publication No. US20050250721A1
; GENERAL INFORMATION:
; APPLICANT: Hammon, H. K.
; APPLICANT: Insel, P. A.
; APPLICANT: Ping, P.
; APPLICANT: Post, S. R.
; APPLICANT: Gao, M.
; TITLE OF INVENTION: GENE THERAPY FOR CONGESTIVE HEART
; TITLE OF INVENTION: FAILURE
; FILE REFERENCE: 220002056723
; CURRENT APPLICATION NUMBER: US/10/942,072
; CURRENT FILING DATE: 2004-09-14
; PRIOR APPLICATION NUMBER: US/09/750,240
; PRIOR FILING DATE: 2001-10-12
; PRIOR APPLICATION NUMBER: US 09/472,667
; PRIOR FILING DATE: 1999-12-27
; PRIOR APPLICATION NUMBER: US 09/008,097
; PRIOR FILING DATE: 1998-01-16
; PRIOR APPLICATION NUMBER: US 60/924,757
; PRIOR FILING DATE: 1997-09-05
; PRIOR APPLICATION NUMBER: US 60/048,933
; PRIOR FILING DATE: 1997-06-16
; PRIOR APPLICATION NUMBER: US 08/708,661
; PRIOR FILING DATE: 1996-09-05
; NUMBER OF SEQ ID NOS: 13
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 9
; LENGTH: 9
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Modified AC-VI
US-10-942-072-9

Query Match      20.0%; Score 2; DB 7; Length 9;
Best Local Similarity 100.0%; Pred. No. 8.3e+07;
Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      5 WW 6
Db      8 WW 9

RESULT 32
US-10-942-072-9/c
; Sequence 9, Application US/10942072
; Publication No. US20050250721A1
; GENERAL INFORMATION:
; APPLICANT: Hammon, H. K.
; APPLICANT: Insel, P. A.
; APPLICANT: Ping, P.
; APPLICANT: Post, S. R.
; APPLICANT: Gao, M.
; TITLE OF INVENTION: GENE THERAPY FOR CONGESTIVE HEART
; TITLE OF INVENTION: FAILURE
; FILE REFERENCE: 220002056723
; CURRENT APPLICATION NUMBER: US/10/942,072
; CURRENT FILING DATE: 2004-09-14
; PRIOR APPLICATION NUMBER: US 09/472,667
; PRIOR FILING DATE: 1999-12-27
; PRIOR APPLICATION NUMBER: US 09/008,097
; PRIOR FILING DATE: 1998-01-16
; PRIOR APPLICATION NUMBER: US 08/924,757
; PRIOR FILING DATE: 1997-09-05
; PRIOR APPLICATION NUMBER: US 60/048,933
; PRIOR FILING DATE: 1997-06-16
; PRIOR APPLICATION NUMBER: US 08/708,661
; PRIOR FILING DATE: 1996-09-05
; NUMBER OF SEQ ID NOS: 13
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 9
; LENGTH: 9
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Modified AC-VI
US-10-942-072-9

Query Match      20.0%; Score 2; DB 7; Length 9;
Best Local Similarity 100.0%; Pred. No. 8.3e+07;
Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      5 WW 6
Db      8 WW 9

RESULT 33
US-11-101-287-3
; Sequence 3, Application US/11101287
; Publication No. US20050267061A1
; GENERAL INFORMATION:
; APPLICANT: MARTIN, J. Tyler
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR TREATING NEUROPATHIC AND
; TITLE OF INVENTION: NEURODEGENERATIVE CONDITIONS
; FILE REFERENCE: 8325-0040 (S40-US1)
; CURRENT APPLICATION NUMBER: US/11/101,287
; CURRENT FILING DATE: 2005-04-20
; PRIOR APPLICATION NUMBER: 60/560,566
; PRIOR FILING DATE: 2004-04-08
; PRIOR APPLICATION NUMBER: 60/631,455
; PRIOR FILING DATE: 2004-11-29
; NUMBER OF SEQ ID NOS: 166
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 3
; LENGTH: 9
; TYPE: DNA
; ORGANISM: Artificial
; FEATURE:
; OTHER INFORMATION: target DNA
US-11-101-287-3

Query Match      20.0%; Score 2; DB 8; Length 9;
Best Local Similarity 100.0%; Pred. No. 8.3e+07;
Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      7 GY 8
Db      7 GY 8

RESULT 34
US-11-101-287-3/c
; Sequence 3, Application US/11101287
; Publication No. US20050267061A1
; GENERAL INFORMATION:
; APPLICANT: MARTIN, J. Tyler
```

; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR TREATING NEUROPATHIC AND
; FILE REFERENCE: 8325-0040 (S40-US1)
; CURRENT FILING DATE: 2005-04-20
; PRIOR APPLICATION NUMBER: 60/560,566
; PRIOR FILING DATE: 2004-04-08
; PRIOR APPLICATION NUMBER: 60/631,455
; PRIOR FILING DATE: 2004-11-29
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 3
; LENGTH: 9
; TYPE: DNA
; ORGANISM: Artificial
; FEATURE:
; OTHER INFORMATION: target DNA
US-11-101-287-3

Query Match 20.0%; Score 2; DB 8; Length 9;
Best Local Similarity 100.0%; Pred. No. 8.3e+07;
Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 3 RC 4
DB 8 RC 7

RESULT 35
US-11-101-287-10
; Sequence 10, Application US/11101287
; Publication No. US20050267061A1
; GENERAL INFORMATION:
; APPLICANT: MARTIN, J. Tyler
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR TREATING NEUROPATHIC AND
; FILE REFERENCE: 8325-0040 (S40-US1)
; CURRENT FILING DATE: 2005-04-20
; PRIOR APPLICATION NUMBER: 60/560,566
; PRIOR FILING DATE: 2004-04-08
; PRIOR APPLICATION NUMBER: 60/631,455
; PRIOR FILING DATE: 2004-11-29
; NUMBER OF SEQ ID NOS: 166
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 10
; LENGTH: 9
; TYPE: DNA
; ORGANISM: Artificial
; FEATURE:
; OTHER INFORMATION: target DNA
US-11-101-287-10

Query Match 20.0%; Score 2; DB 8; Length 9;
Best Local Similarity 100.0%; Pred. No. 8.3e+07;
Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 7 GY 8
DB 1 GY 2

RESULT 36
US-11-101-287-10/c
; Sequence 10, Application US/11101287
; Publication No. US20050267061A1
; GENERAL INFORMATION:
; APPLICANT: MARTIN, J. Tyler
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR TREATING NEUROPATHIC AND
; FILE REFERENCE: 8325-0040 (S40-US1)
; CURRENT FILING DATE: 2005-04-20

; PRIOR APPLICATION NUMBER: 60/560,566
; PRIOR FILING DATE: 2004-04-08
; PRIOR APPLICATION NUMBER: 60/631,455
; PRIOR FILING DATE: 2004-11-29
; NUMBER OF SEQ ID NOS: 166
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 10
; LENGTH: 9
; TYPE: DNA
; ORGANISM: Artificial
; FEATURE:
; OTHER INFORMATION: target DNA
US-11-101-287-10

Query Match 20.0%; Score 2; DB 8; Length 9;
Best Local Similarity 100.0%; Pred. No. 8.3e+07;
Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 3 RC 4
DB 2 RC 1

RESULT 37
US-11-101-287-20
; Sequence 20, Application US/11101287
; Publication No. US20050267061A1
; GENERAL INFORMATION:
; APPLICANT: MARTIN, J. Tyler
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR TREATING NEUROPATHIC AND
; FILE REFERENCE: 8325-0040 (S40-US1)
; CURRENT FILING DATE: 2005-04-20
; PRIOR APPLICATION NUMBER: 60/560,566
; PRIOR FILING DATE: 2004-04-08
; PRIOR APPLICATION NUMBER: 60/631,455
; PRIOR FILING DATE: 2004-11-29
; NUMBER OF SEQ ID NOS: 166
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 20
; LENGTH: 9
; TYPE: DNA
; ORGANISM: Artificial
; FEATURE:
; OTHER INFORMATION: target DNA
US-11-101-287-20

Query Match 20.0%; Score 2; DB 8; Length 9;
Best Local Similarity 100.0%; Pred. No. 8.3e+07;
Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 6 WG 7
DB 3 WG 4

RESULT 38
US-11-101-287-20/c
; Sequence 20, Application US/11101287
; Publication No. US20050267061A1
; GENERAL INFORMATION:
; APPLICANT: MARTIN, J. Tyler
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR TREATING NEUROPATHIC AND
; FILE REFERENCE: 8325-0040 (S40-US1)
; CURRENT FILING DATE: 2005-04-20
; PRIOR APPLICATION NUMBER: 60/560,566
; PRIOR FILING DATE: 2004-04-08
; PRIOR APPLICATION NUMBER: 60/631,455
; PRIOR FILING DATE: 2004-11-29
; NUMBER OF SEQ ID NOS: 166

```

; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 20
; LENGTH: 9
; TYPE: DNA
; ORGANISM: Artificial
; FEATURE:
; OTHER INFORMATION: target DNA
US-11-101-287-20

Query Match      20.0%; Score 2; DB 8; Length 9;
Best Local Similarity 100.0%; Pred. No. 8.3e+07;
Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      4 CW 5
      ||
Db      4 CW 3

RESULT 39
US-11-115-922-3
; Sequence 3, Application US/11115922
; Publication No. US20050267062A1
; GENERAL INFORMATION:
; APPLICANT: Rebar, Edward
; APPLICANT: Jamieson, Andrew
; APPLICANT: Liu, Qiang
; APPLICANT: Liu, Pei-Qi
; APPLICANT: Wolffe, Alan
; APPLICANT: Eisenberg, Stephen P.
; APPLICANT: Jarvis, Eric
; APPLICANT: Sangamo BioSciences, Inc.
; TITLE OF INVENTION: Regulation of Angiogenesis With Zinc
; FILE REFERENCE: 019496-005830US
; CURRENT APPLICATION NUMBER: US/11/115,922
; PRIOR FILING DATE: 2005-04-26
; PRIOR APPLICATION NUMBER: US/10/006,069
; PRIOR FILING DATE: 2001-12-06
; PRIOR APPLICATION NUMBER: US 09/733,604
; PRIOR FILING DATE: 2000-12-07
; PRIOR APPLICATION NUMBER: US 09/736,083
; PRIOR FILING DATE: 2000-12-12
; PRIOR APPLICATION NUMBER: US 09/846,033
; NUMBER OF SEQ ID NOS: 252
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 3
; LENGTH: 9
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: target
US-11-115-922-3

Query Match      20.0%; Score 2; DB 8; Length 9;
Best Local Similarity 100.0%; Pred. No. 8.3e+07;
Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      3 RC 4
      ||
Db      8 RC 7

RESULT 41
US-11-115-922-10
; Sequence 10, Application US/11115922
; Publication No. US20050267062A1
; GENERAL INFORMATION:
; APPLICANT: Rebar, Edward
; APPLICANT: Jamieson, Andrew
; APPLICANT: Liu, Qiang
; APPLICANT: Liu, Pei-Qi
; APPLICANT: Wolffe, Alan
; APPLICANT: Eisenberg, Stephen P.
; APPLICANT: Jarvis, Eric
; APPLICANT: Sangamo BioSciences, Inc.
; TITLE OF INVENTION: Regulation of Angiogenesis With Zinc
; FILE REFERENCE: 019496-005830US
; CURRENT APPLICATION NUMBER: US/11/115,922
; PRIOR FILING DATE: 2005-04-26
; PRIOR APPLICATION NUMBER: US/10/006,069
; PRIOR FILING DATE: 2001-12-06
; PRIOR APPLICATION NUMBER: US 09/733,604
; PRIOR FILING DATE: 2000-12-07
; PRIOR APPLICATION NUMBER: US 09/736,083
; PRIOR FILING DATE: 2000-12-12
; PRIOR APPLICATION NUMBER: US 09/846,033
; NUMBER OF SEQ ID NOS: 252
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 3
; LENGTH: 9
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: target
US-11-115-922-3

Query Match      20.0%; Score 2; DB 8; Length 9;
Best Local Similarity 100.0%; Pred. No. 8.3e+07;
Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      7 CY 8
      ||
Db      7 CY 8

RESULT 40
US-11-115-922-3/c
; Sequence 3, Application US/11115922
; Publication No. US20050267062A1
; GENERAL INFORMATION:
; APPLICANT: Rebar, Edward
; APPLICANT: Jamieson, Andrew
; APPLICANT: Liu, Qiang
; APPLICANT: Liu, Pei-Qi
; APPLICANT: Wolffe, Alan
; Query Match      20.0%; Score 2; DB 8; Length 9;
; Best Local Similarity 100.0%; Pred. No. 8.3e+07;
; Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
; Query Match      20.0%; Score 2; DB 8; Length 9;
; Best Local Similarity 100.0%; Pred. No. 8.3e+07;
; Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 7 GY 8
||
Db 1 GY 2

RESULT 42

US-11-115-922-10/c
; Sequence 10, Application US/11115922
; Publication No. US20050267062A1

GENERAL INFORMATION:

; APPLICANT: Rebar, Edward

; APPLICANT: Jamieson, Andrew

; APPLICANT: Liu, Qiang

; APPLICANT: Liu, Pei-Qi

; APPLICANT: Wolffe, Alan

; APPLICANT: Eisenberg, Stephen P.

; APPLICANT: Jarvis, Eric

; APPLICANT: Sangamo BioSciences, Inc.

; TITLE OF INVENTION: Regulation of Angiogenesis With Zinc

; FILE REFERENCE: 019496-005830US

; CURRENT APPLICATION NUMBER: US/11/115,922

; PRIOR FILING DATE: 2005-04-26

; PRIOR APPLICATION NUMBER: US/10/006,069

; PRIOR FILING DATE: 2001-12-06

; PRIOR APPLICATION NUMBER: US 09/733,604

; PRIOR FILING DATE: 2000-12-07

; PRIOR APPLICATION NUMBER: US 09/736,083

; PRIOR FILING DATE: 2000-12-12

; PRIOR APPLICATION NUMBER: US 09/846,033

; PRIOR FILING DATE: 2001-04-30

; NUMBER OF SEQ ID NOS: 252

; SOFTWARE: FastSeq for Windows Version 3.0

; SEQ ID NO 10

; LENGTH: 9

; TYPE: DNA

; ORGANISM: Artificial Sequence

; FEATURE:

; OTHER INFORMATION: target

US-11-115-922-10

Query Match

Best Local Similarity 20.0%; Score 2; DB 8; Length 9;

Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 3 RC 4
||
Db 2 RC 1

RESULT 43

US-11-115-922-20

; Sequence 20, Application US/11115922

; Publication No. US20050267062A1

GENERAL INFORMATION:

; APPLICANT: Rebar, Edward

; APPLICANT: Jamieson, Andrew

; APPLICANT: Liu, Qiang

; APPLICANT: Liu, Pei-Qi

; APPLICANT: Wolffe, Alan

; APPLICANT: Eisenberg, Stephen P.

; APPLICANT: Jarvis, Eric

; APPLICANT: Sangamo BioSciences, Inc.

; TITLE OF INVENTION: Regulation of Angiogenesis With Zinc

; FILE REFERENCE: 019496-005830US

; CURRENT APPLICATION NUMBER: US/11/115,922

; PRIOR FILING DATE: 2005-04-26

; PRIOR APPLICATION NUMBER: US/10/006,069

; PRIOR FILING DATE: 2001-12-06

; PRIOR APPLICATION NUMBER: US 09/733,604

; PRIOR FILING DATE: 2000-12-07
; PRIOR APPLICATION NUMBER: US 09/736,083
; PRIOR FILING DATE: 2000-12-12
; PRIOR APPLICATION NUMBER: US 09/846,033
; PRIOR FILING DATE: 2001-04-30
; NUMBER OF SEQ ID NOS: 252
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 20
; LENGTH: 9
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: target
US-11-115-922-20

Query Match

Best Local Similarity 20.0%; Score 2; DB 8; Length 9;

Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 6 WG 7
||
Db 3 WG 4

RESULT 44

US-11-115-922-20/c

; Sequence 20, Application US/11115922

; Publication No. US20050267062A1

GENERAL INFORMATION:

; APPLICANT: Rebar, Edward

; APPLICANT: Jamieson, Andrew

; APPLICANT: Liu, Qiang

; APPLICANT: Liu, Pei-Qi

; APPLICANT: Wolffe, Alan

; APPLICANT: Eisenberg, Stephen P.

; APPLICANT: Jarvis, Eric

; APPLICANT: Sangamo BioSciences, Inc.

; TITLE OF INVENTION: Regulation of Angiogenesis With Zinc

; FILE REFERENCE: 019496-005830US

; CURRENT APPLICATION NUMBER: US/11/115,922

; PRIOR FILING DATE: 2005-04-26

; PRIOR APPLICATION NUMBER: US/10/006,069

; PRIOR FILING DATE: 2001-12-06

; PRIOR APPLICATION NUMBER: US 09/733,604

; PRIOR FILING DATE: 2000-12-07

; PRIOR APPLICATION NUMBER: US 09/736,083

; PRIOR FILING DATE: 2000-12-12

; PRIOR APPLICATION NUMBER: US 09/846,033

; PRIOR FILING DATE: 2001-04-30

; NUMBER OF SEQ ID NOS: 252

; SOFTWARE: FastSeq for Windows Version 3.0

; SEQ ID NO 20

; LENGTH: 9

; TYPE: DNA

; ORGANISM: Artificial Sequence

; FEATURE:

; OTHER INFORMATION: target

US-11-115-922-20

Query Match

Best Local Similarity 20.0%; Score 2; DB 8; Length 9;

Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 4 CW 5
||
Db 4 CW 3

RESULT 45

US-11-121-419-3

; Sequence 3, Application US/11121419

; Publication No. US20050265985A1

```

; GENERAL INFORMATION:
; APPLICANT: CHODOSH, Lewis A
; TITLE OF INVENTION: HORMONALLY UP-REGULATED, NEU-TUMOR-ASSOCIATED KINASE
; FILE REFERENCE: 22253-70421
; CURRENT APPLICATION NUMBER: US/11/121,419
; PRIOR FILING DATE: 2005-05-04
; PRIOR APPLICATION NUMBER: US/10/032,256
; PRIOR FILING DATE: 2001-12-21
; PRIOR APPLICATION NUMBER: 60/257,073
; PRIOR FILING DATE: 2000-12-21
; NUMBER OF SEQ ID NOS: 18
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 3
; LENGTH: 10
; TYPE: RNA
; ORGANISM: Unknown Organism
; FEATURE:
; OTHER INFORMATION: Description of Unknown Organism:Kozak consensus
; OTHER INFORMATION: sequence
US-11-121-419-3

Query Match      20.0%; Score 2; DB 8; Length 10;
Best Local Similarity 100.0%; Pred. No. 2.2e+03;
Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 3 RC 4
Db 4 RC 5

RESULT 46
US-11-121-419-3/c
; Sequence 3, Application US/11121419
; Publication No. US20050265985A1
; GENERAL INFORMATION:
; APPLICANT: CHODOSH, Lewis A
; APPLICANT: GARDNER, Heather P
; TITLE OF INVENTION: HORMONALLY UP-REGULATED, NEU-TUMOR-ASSOCIATED KINASE
; FILE REFERENCE: 22253-70421
; CURRENT APPLICATION NUMBER: US/11/121,419
; CURRENT FILING DATE: 2005-05-04
; PRIOR APPLICATION NUMBER: US/10/032,256
; PRIOR FILING DATE: 2001-12-21
; PRIOR APPLICATION NUMBER: 60/257,073
; PRIOR FILING DATE: 2000-12-21
; NUMBER OF SEQ ID NOS: 18
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 3
; LENGTH: 10
; TYPE: RNA
; ORGANISM: Unknown Organism
; FEATURE:
; OTHER INFORMATION: Description of Unknown Organism:Kozak consensus
; OTHER INFORMATION: sequence
US-11-121-419-3

Query Match      20.0%; Score 2; DB 8; Length 10;
Best Local Similarity 100.0%; Pred. No. 2.2e+03;
Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 7 GY 8
Db 5 GY 4

RESULT 47
US-10-343-107A-21
; Sequence 21, Application US/10343107A
; Publication No. US20050260574A1
; GENERAL INFORMATION:
; APPLICANT: Gibbs, Mark John
; APPLICANT: Gibbs, Adrian John
; TITLE OF INVENTION: COMBINATORIAL PROBES AND USES THEREFOR
; FILE REFERENCE: DAVI198.002APC
; CURRENT APPLICATION NUMBER: US/10/343,107A
; CURRENT FILING DATE: 2003-01-24
; PRIOR APPLICATION NUMBER: AU PQ9483
; PRIOR FILING DATE: 2000-09-17
; PRIOR APPLICATION NUMBER: US 60/226212
; PRIOR FILING DATE: 2000-09-18
; PRIOR APPLICATION NUMBER: PCT/AU01/00931
; PRIOR FILING DATE: 2001-07-27
; NUMBER OF SEQ ID NOS: 26
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 21
; LENGTH: 11
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: combiprobe
; NAME/KEY: misc_feature
; LOCATION: 3, 6, 9
; OTHER INFORMATION: y=t/u or c
US-10-343-107A-21

Query Match      20.0%; Score 2; DB 7; Length 11;
Best Local Similarity 100.0%; Pred. No. 2e+03;
Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 3 RC 4
Db 9 RC 8

```

```

; APPLICANT: Brown, Roger William
; TITLE OF INVENTION: COMBINATORIAL PROBES AND USES THEREFOR
; FILE REFERENCE: DAVI198.002APC
; CURRENT APPLICATION NUMBER: US/10/343,107A
; CURRENT FILING DATE: 2003-01-24
; PRIOR APPLICATION NUMBER: AU PQ9483
; PRIOR FILING DATE: 2000-09-17
; PRIOR APPLICATION NUMBER: US 60/226212
; PRIOR FILING DATE: 2000-09-18
; PRIOR APPLICATION NUMBER: PCT/AU01/00931
; PRIOR FILING DATE: 2001-07-27
; NUMBER OF SEQ ID NOS: 26
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 21
; LENGTH: 11
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: combiprobe
; NAME/KEY: misc_feature
; LOCATION: 3, 6, 9
; OTHER INFORMATION: y=t/u or c
US-10-343-107A-21

Query Match      20.0%; Score 2; DB 7; Length 11;
Best Local Similarity 100.0%; Pred. No. 2e+03;
Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 7 GY 8
Db 8 GY 9

RESULT 48
US-10-343-107A-21/c
; Sequence 21, Application US/10343107A
; Publication No. US20050260574A1
; GENERAL INFORMATION:
; APPLICANT: Gibbs, Mark John
; APPLICANT: Gibbs, Adrian John
; APPLICANT: Brown, Roger William
; TITLE OF INVENTION: COMBINATORIAL PROBES AND USES THEREFOR
; FILE REFERENCE: DAVI198.002APC
; CURRENT APPLICATION NUMBER: US/10/343,107A
; CURRENT FILING DATE: 2003-01-24
; PRIOR APPLICATION NUMBER: AU PQ9483
; PRIOR FILING DATE: 2000-09-17
; PRIOR APPLICATION NUMBER: US 60/226212
; PRIOR FILING DATE: 2000-09-18
; PRIOR APPLICATION NUMBER: PCT/AU01/00931
; PRIOR FILING DATE: 2001-07-27
; NUMBER OF SEQ ID NOS: 26
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 21
; LENGTH: 11
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: combiprobe
; NAME/KEY: misc_feature
; LOCATION: 3, 6, 9
; OTHER INFORMATION: y=t/u or c
US-10-343-107A-21

Query Match      20.0%; Score 2; DB 7; Length 11;
Best Local Similarity 100.0%; Pred. No. 2e+03;
Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 3 RC 4
Db 9 RC 8

```

```
RESULT 49
US-10-343-107A-22
; Sequence 22, Application US/10343107A
; Publication No. US20050260574A1
; GENERAL INFORMATION:
; APPLICANT: Gibbs, Mark John
; APPLICANT: Gibbs, Adrian John
; APPLICANT: Brown, Roger William
; TITLE OF INVENTION: COMBINATORIAL PROBES AND USES THEREFOR
; FILE REFERENCE: DAV1198.002APC
; CURRENT APPLICATION NUMBER: US/10/343,107A
; CURRENT FILING DATE: 2003-01-24
; PRIOR APPLICATION NUMBER: AU PQ9483
; PRIOR FILING DATE: 2000-09-17
; PRIOR APPLICATION NUMBER: US 60/226212
; PRIOR FILING DATE: 2000-09-18
; PRIOR APPLICATION NUMBER: PCT/AU01/00931
; PRIOR FILING DATE: 2001-07-27
; NUMBER OF SEQ ID NOS: 26
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 22
; LENGTH: 11
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: combiprobe
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: 3, 6, 9
; OTHER INFORMATION: n = A,T,C or G
; OTHER INFORMATION: y=t/u or c
; OTHER INFORMATION: r=g or a
US-10-343-107A-22

Query Match      20.0%; Score 2; DB 7; Length 11;
Best Local Similarity 100.0%; Pred. No. 2e+03;
Matches      2; Conservative      0; Mismatches      0; Indels      0;

QY      7 GY 8
DB      2 GY 3

RESULT 50
US-10-343-107A-22/c
; Sequence 22, Application US/10343107A
; Publication No. US20050260574A1
; GENERAL INFORMATION:
; APPLICANT: Gibbs, Mark John
; APPLICANT: Gibbs, Adrian John
; APPLICANT: Brown, Roger William
; TITLE OF INVENTION: COMBINATORIAL PROBES AND USES THEREFOR
; FILE REFERENCE: DAV1198.002APC
; CURRENT APPLICATION NUMBER: US/10/343,107A
; CURRENT FILING DATE: 2003-01-24
; PRIOR APPLICATION NUMBER: AU PQ9483
; PRIOR FILING DATE: 2000-09-17
; PRIOR APPLICATION NUMBER: US 60/226212
; PRIOR FILING DATE: 2000-09-18
; PRIOR APPLICATION NUMBER: PCT/AU01/00931
; PRIOR FILING DATE: 2001-07-27
; NUMBER OF SEQ ID NOS: 26
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 22
; LENGTH: 11
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: combiprobe
; FEATURE:
; NAME/KEY: misc_feature
```

```
; LOCATION: 3, 6, 9
; OTHER INFORMATION: n = A,T,C or G
; OTHER INFORMATION: y=t/u or c
; OTHER INFORMATION: r=g or a
US-10-343-107A-22

Query Match      20.0%; Score 2; DB 7; Length 11;
Best Local Similarity 100.0%; Pred. No. 2e+03;
Matches      2; Conservative      0; Mismatches      0; Indels      0;

QY      7 GY 8
DB      10 GY 9

RESULT 51
US-10-980-722-7
; Sequence 7, Application US/10980722
; Publication No. US20060009383A1
; GENERAL INFORMATION:
; APPLICANT: Theofan, Georgia
; APPLICANT: Horwitz, Arnold
; APPLICANT: Burke, David
; APPLICANT: Baltaian, Manik
; APPLICANT: Grinna, Lynn S.
; TITLE OF INVENTION: Stable Bactericidal/Permeability-Increasing
; Protein Products and Pharmaceutical Compositions
; Containing
; the Same
; NUMBER OF SEQUENCES: 14
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Marshall, Gerstein & Borun
; STREET: 6300 Sears Tower, 233 South Wacker Drive
; CITY: Chicago
; STATE: Illinois
; COUNTRY: USA
; ZIP: 60606
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/10/980,722
; FILING DATE: 03-Nov-2004
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/10/196,460
; FILING DATE: 16-Jul-2002
; APPLICATION NUMBER: US/09/425,034
; FILING DATE: 19-Oct-1999
; ATTORNEY/AGENT INFORMATION:
; NAME: Sharp, Jeffrey S.
; REGISTRATION NUMBER: 31,879
; REFERENCE/DOCKET NUMBER: 29715/35065A
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 312/474-6300
; TELEFAX: 312/474-0448
; INFORMATION FOR SEQ ID NO: 7:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 13 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
; SEQUENCE DESCRIPTION: SEQ ID NO: 7:
US-10-980-722-7

Query Match      20.0%; Score 2; DB 6; Length 13;
Best Local Similarity 100.0%; Pred. No. 1.7e+03;
Matches      2; Conservative      0; Mismatches      0; Indels      0;

QY      3 RC 4
```

```
Db          ||
           7 RC 8

RESULT 52
US-10-980-722-7/c
; Sequence 7, Application US/10980722
; Publication No. US20060009383A1
; GENERAL INFORMATION:
; APPLICANT: Theofan, Georgia
; Horwitz, Arnold
; Burke, David
; Baltaian, Manik
; Grinna, Lynn S.
; TITLE OF INVENTION: Stable Bactericidal/Permeability-Increasing
; Protein Products and Pharmaceutical Compositions
; Containing
; the Same
; NUMBER OF SEQUENCES: 14
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Marshall, Gerstein & Borun
; STREET: 6300 Sears Tower, 233 South Wacker Drive
; CITY: Chicago
; STATE: Illinois
; COUNTRY: USA
; ZIP: 60606
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA: US/10/980,722
; FILING DATE: 03-Nov-2004
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/10/196,460
; FILING DATE: 16-Jul-2002
; APPLICATION NUMBER: US/09/425,034
; FILING DATE: 19-Oct-1999
; ATTORNEY/AGENT INFORMATION:
; NAME: Sharp, Jeffrey S.
; REGISTRATION NUMBER: 31,879
; REFERENCE/DOCKET NUMBER: 29715/35065A
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 312/474-6300
; TELEFAX: 312/474-0448
; INFORMATION FOR SEQ ID NO: 7:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 13 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
; SEQUENCE DESCRIPTION: SEQ ID NO: 7:
US-10-980-722-7
Query Match      20.0%; Score 2; DB 6; Length 13;
Best Local Similarity 100.0%; Pred.No. 1.7e+03;
Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      7 GY 8
DB      8 GY 7

RESULT 53
US-10-343-107A-24
; Sequence 24, Application US/10343107A
; Publication No. US20050260574A1
; GENERAL INFORMATION:
; APPLICANT: Gibbs, Mark John
; APPLICANT: Gibbs, Adrian John
; TITLE OF INVENTION: COMBINATORIAL PROBES AND USES THEREFOR
; FILE REFERENCE: DAVI198.002APC
; CURRENT APPLICATION NUMBER: US/10/343,107A
; CURRENT FILING DATE: 2003-01-24
; PRIOR APPLICATION NUMBER: AU PQ9483
; PRIOR FILING DATE: 2000-09-17
; PRIOR APPLICATION NUMBER: US 60/226212
; PRIOR FILING DATE: 2000-09-18
; PRIOR APPLICATION NUMBER: PCT/AU01/00931
; PRIOR FILING DATE: 2001-07-27
; NUMBER OF SEQ ID NOS: 26
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 24
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: combiprobe
; NAME/KEY: misc feature
; LOCATION: 5, 8, 11
; OTHER INFORMATION: n = A,T,C or G
; OTHER INFORMATION: y=t/u or c
; OTHER INFORMATION: v=a or g or c
US-10-343-107A-24
Query Match      20.0%; Score 2; DB 7; Length 13;
Best Local Similarity 100.0%; Pred.No. 1.7e+03;
Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      7 GY 8
DB      4 GY 5

RESULT 54
US-10-343-107A-24/c
; Sequence 24, Application US/10343107A
; Publication No. US20050260574A1
; GENERAL INFORMATION:
; APPLICANT: Gibbs, Mark John
; APPLICANT: Gibbs, Adrian John
; APPLICANT: Brown, Roger William
; TITLE OF INVENTION: COMBINATORIAL PROBES AND USES THEREFOR
; FILE REFERENCE: DAVI198.002APC
; CURRENT APPLICATION NUMBER: US/10/343,107A
; CURRENT FILING DATE: 2003-01-24
; PRIOR APPLICATION NUMBER: AU PQ9483
; PRIOR FILING DATE: 2000-09-17
; PRIOR APPLICATION NUMBER: US 60/226212
; PRIOR FILING DATE: 2000-09-18
; PRIOR APPLICATION NUMBER: PCT/AU01/00931
; PRIOR FILING DATE: 2001-07-27
; NUMBER OF SEQ ID NOS: 26
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 24
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: combiprobe
; NAME/KEY: misc feature
; LOCATION: 5, 8, 11
; OTHER INFORMATION: n = A,T,C or G
; OTHER INFORMATION: y=t/u or c
; OTHER INFORMATION: v=a or g or c
US-10-343-107A-24
Query Match      20.0%; Score 2; DB 7; Length 13;
Best Local Similarity 100.0%; Pred.No. 1.7e+03;
Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      7 GY 8
DB      4 GY 5
```


QY 3 RC 4
Db 5 RC 4

RESULT 55
US-11-044-899-34
; Sequence 34, Application US/11044899
; Publication No. US20050260616A1
; GENERAL INFORMATION:
; APPLICANT: Schwab, M.
; APPLICANT: Chen, M.
; TITLE OF INVENTION: NUCLEOTIDE AND PROTEIN SEQUENCES OF NOGO GENES AND METHODS BASED THEREON
; FILE REFERENCE: 10200-017-999
; CURRENT APPLICATION NUMBER: US/11/044,899
; CURRENT FILING DATE: 2005-01-26
; PRIOR APPLICATION NUMBER: 09/830,972
; PRIOR FILING DATE: 2001-09-24
; PRIOR APPLICATION NUMBER: PCT/US99/26160
; PRIOR FILING DATE: 1999-11-05
; PRIOR APPLICATION NUMBER: 60/107,446
; PRIOR FILING DATE: 1998-11-06
; NUMBER OF SEQ ID NOS: 51
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 34
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Homo sapiens
US-11-044-899-34

Query Match 20.0%; Score 2; DB 8; Length 13;
Best Local Similarity 100.0%; Pred. No. 1.7e+03;
Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 3 RC 4
Db 7 RC 8

RESULT 56
US-11-044-899-34/c
; Sequence 34, Application US/11044899
; Publication No. US20050260616A1
; GENERAL INFORMATION:
; APPLICANT: Schwab, M.
; APPLICANT: Chen, M.
; TITLE OF INVENTION: NUCLEOTIDE AND PROTEIN SEQUENCES OF NOGO GENES AND METHODS BASED THEREON
; FILE REFERENCE: 10200-017-999
; CURRENT APPLICATION NUMBER: US/11/044,899
; CURRENT FILING DATE: 2005-01-26
; PRIOR APPLICATION NUMBER: 09/830,972
; PRIOR FILING DATE: 2001-09-24
; PRIOR APPLICATION NUMBER: PCT/US99/26160
; PRIOR FILING DATE: 1999-11-05
; PRIOR APPLICATION NUMBER: 60/107,446
; PRIOR FILING DATE: 1998-11-06
; NUMBER OF SEQ ID NOS: 51
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 34
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Homo sapiens
US-11-044-899-34

Query Match 20.0%; Score 2; DB 8; Length 13;
Best Local Similarity 100.0%; Pred. No. 1.7e+03;
Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 7 GY 8
Db 11 GY 12

RESULT 57
US-10-343-107A-17
; Sequence 17, Application US/10343107A
; Publication No. US20050260574A1
; GENERAL INFORMATION:
; APPLICANT: Gibbs, Mark John
; APPLICANT: Brown, Roger William
; APPLICANT: Brown, Roger William
; TITLE OF INVENTION: COMBINATORIAL PROBES AND USES THEREFOR
; FILE REFERENCE: DAVI198.002APC
; CURRENT APPLICATION NUMBER: US/10/343,107A
; CURRENT FILING DATE: 2003-01-24
; PRIOR APPLICATION NUMBER: AU PQ9483
; PRIOR FILING DATE: 2000-09-17
; PRIOR APPLICATION NUMBER: US 60/226212
; PRIOR FILING DATE: 2000-09-18
; PRIOR APPLICATION NUMBER: PCT/AU01/00931
; PRIOR FILING DATE: 2001-07-27
; NUMBER OF SEQ ID NOS: 26
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 17
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: combiprobe
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: 3, 6, 9, 12
; OTHER INFORMATION: n = A, T, C or G
; OTHER INFORMATION: y=t/u or c
US-10-343-107A-17

Query Match 20.0%; Score 2; DB 7; Length 14;
Best Local Similarity 100.0%; Pred. No. 1.6e+03;
Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 7 GY 8
Db 11 GY 12

RESULT 58
US-10-343-107A-17/c
; Sequence 17, Application US/10343107A
; Publication No. US20050260574A1
; GENERAL INFORMATION:
; APPLICANT: Gibbs, Mark John
; APPLICANT: Gibbs, Mark John
; APPLICANT: Brown, Roger William
; APPLICANT: Brown, Roger William
; TITLE OF INVENTION: COMBINATORIAL PROBES AND USES THEREFOR
; FILE REFERENCE: DAVI198.002APC
; CURRENT APPLICATION NUMBER: US/10/343,107A
; CURRENT FILING DATE: 2003-01-24
; PRIOR APPLICATION NUMBER: AU PQ9483
; PRIOR FILING DATE: 2000-09-17
; PRIOR APPLICATION NUMBER: US 60/226212
; PRIOR FILING DATE: 2000-09-18
; PRIOR APPLICATION NUMBER: PCT/AU01/00931
; PRIOR FILING DATE: 2001-07-27
; NUMBER OF SEQ ID NOS: 26
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 17
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: combiprobe
; FEATURE:
; NAME/KEY: misc feature

```
; LOCATION: 3, 6, 9, 12
; OTHER INFORMATION: n = A,T,C or G
; OTHER INFORMATION: y=t/u or c
US-10-343-107A-17

Query Match          20.0%; Score 2; DB 7; Length 14;
Best Local Similarity 100.0%; Pred. No. 1.6e+03;
Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 3 RC 4
Db 12 RC 11

RESULT 59
US-10-353-783-4
; Sequence 4, Application US/10353783
; Publication No. US20050261175A1
; GENERAL INFORMATION:
; APPLICANT: Zeebo, Kristina M.
; Bosselman, Robert A.
; Suggs, Sidney V.
; Martin, Francis H.
; TITLE OF INVENTION: Stem Cell Factor
; NUMBER OF SEQUENCES: 104
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Marshall, O'Toole, Gerstein, Murray & Borun
; STREET: 6300 Sears Tower, 233 South Wacker Drive
; CITY: Chicago
; STATE: Illinois
; COUNTRY: United States of America
; ZIP: 60606-6402
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/10/353,783
; FILING DATE: 28-Jan-2003
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/448,729
; FILING DATE: 24-MAY-1995
; APPLICATION NUMBER: 08/172,329
; FILING DATE: 21-DEC-1993
; APPLICATION NUMBER: 07/982,255
; FILING DATE: 25-NOV-1992
; APPLICATION NUMBER: 07/684,535
; FILING DATE: 10-APR-1991
; APPLICATION NUMBER: 07/589,701
; FILING DATE: 01-OCT-1990
; APPLICATION NUMBER: 07/573,616
; FILING DATE: 01-OCT-1990
; APPLICATION NUMBER: 07/537,198
; FILING DATE: 24-AUG-1990
; APPLICATION NUMBER: 07/537,198
; FILING DATE: 11-JUN-1990
; APPLICATION NUMBER: 07/422,383
; FILING DATE: 16-OCT-1989
; ATTORNEY/AGENT INFORMATION:
; NAME: Clough, David W.
; REGISTRATION NUMBER: 36,107
; REFERENCE/DOCKET NUMBER: 01017/32958A
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 312/474-6300
; TELEFAX: 312/474-0448
; TELEX: <Unknown>
; INFORMATION FOR SEQ ID NO: 4:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 14 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
; SEQUENCE DESCRIPTION: SEQ ID NO: 4:

US-10-353-783-4

; SEQUENCE DESCRIPTION: SEQ ID NO: 4:
US-10-353-783-4
Query Match          20.0%; Score 2; DB 7; Length 14;
Best Local Similarity 100.0%; Pred. No. 1.6e+03;
Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 7 QY 8
Db 8 QY 9

RESULT 60
US-10-353-783-4/c
; Sequence 4, Application US/10353783
; Publication No. US20050261175A1
; GENERAL INFORMATION:
; APPLICANT: Zeebo, Kristina M.
; Bosselman, Robert A.
; Suggs, Sidney V.
; Martin, Francis H.
; TITLE OF INVENTION: Stem Cell Factor
; NUMBER OF SEQUENCES: 104
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Marshall, O'Toole, Gerstein, Murray & Borun
; STREET: 6300 Sears Tower, 233 South Wacker Drive
; CITY: Chicago
; STATE: Illinois
; COUNTRY: United States of America
; ZIP: 60606-6402
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/10/353,783
; FILING DATE: 28-Jan-2003
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/448,729
; FILING DATE: 24-MAY-1995
; APPLICATION NUMBER: 08/172,329
; FILING DATE: 21-DEC-1993
; APPLICATION NUMBER: 07/982,255
; FILING DATE: 25-NOV-1992
; APPLICATION NUMBER: 07/684,535
; FILING DATE: 10-APR-1991
; APPLICATION NUMBER: 07/589,701
; FILING DATE: 01-OCT-1990
; APPLICATION NUMBER: 07/573,616
; FILING DATE: 24-AUG-1990
; APPLICATION NUMBER: 07/537,198
; FILING DATE: 11-JUN-1990
; APPLICATION NUMBER: 07/422,383
; FILING DATE: 16-OCT-1989
; ATTORNEY/AGENT INFORMATION:
; NAME: Clough, David W.
; REGISTRATION NUMBER: 36,107
; REFERENCE/DOCKET NUMBER: 01017/32958A
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 312/474-6300
; TELEFAX: 312/474-0448
; TELEX: <Unknown>
; INFORMATION FOR SEQ ID NO: 4:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 14 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
; SEQUENCE DESCRIPTION: SEQ ID NO: 4:

US-10-353-783-4
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Query Match 20.0%; Score 2; DB 7; Length 14;
Best Local Similarity 100.0%; Pred. No. 1.6e+03;
Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 3 RC 4
DB 9 RC 8

RESULT 61

US-10-972-766-5
; Sequence 5, Application US/10972766
; Publication No. US20050250118A1
; GENERAL INFORMATION:
; APPLICANT: Aerssens, Jeroen
; APPLICANT: Athanasios, Maria
; APPLICANT: Brain, Carlos
; APPLICANT: Cohen, Nadine
; APPLICANT: Dain, Bradley
; APPLICANT: Denton, R. Rex
; APPLICANT: Judson, Richard
; APPLICANT: Ozdemir, Vural
; APPLICANT: Reed, Carol R
; TITLE OF INVENTION: EPHX2 Genetic Markers Associated with Galantamine Response
; FILE REFERENCE: 2300.0030001
; CURRENT APPLICATION NUMBER: US/10/972,766
; PRIOR FILING DATE: 2004-10-26
; PRIOR APPLICATION NUMBER: 60/515,378
; PRIOR FILING DATE: 2003-10-28
; NUMBER OF SEQ ID NOS: 50
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 5
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial
; FEATURE:
; OTHER INFORMATION: ASO Probe for Detecting Alleles at PSs in Haplotypes Comprising
; OTHER INFORMATION: Preferred Embodiments of Response Markers I and Response Markers
; OTHER INFORMATION: II
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (8)..(8)
; OTHER INFORMATION: y is 't' or 'c'.
US-10-972-766-5

Query Match 20.0%; Score 2; DB 7; Length 15;
Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 7 GY 8
DB 7 GY 8

RESULT 62

US-10-972-766-5/c
; Sequence 5, Application US/10972766
; Publication No. US20050250118A1
; GENERAL INFORMATION:
; APPLICANT: Aerssens, Jeroen
; APPLICANT: Athanasios, Maria
; APPLICANT: Brain, Carlos
; APPLICANT: Cohen, Nadine
; APPLICANT: Dain, Bradley
; APPLICANT: Denton, R. Rex
; APPLICANT: Judson, Richard
; APPLICANT: Ozdemir, Vural
; APPLICANT: Reed, Carol R
; TITLE OF INVENTION: EPHX2 Genetic Markers Associated with Galantamine Response
; FILE REFERENCE: 2300.0030001
; CURRENT APPLICATION NUMBER: US/10/972,766
; CURRENT FILING DATE: 2004-10-26

; PRIOR APPLICATION NUMBER: 60/515,378
; PRIOR FILING DATE: 2003-10-28
; NUMBER OF SEQ ID NOS: 50
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 5
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial
; FEATURE:
; OTHER INFORMATION: ASO Probe for Detecting Alleles at PSs in Haplotypes Comprising
; OTHER INFORMATION: Preferred Embodiments of Response Markers I and Response Markers
; OTHER INFORMATION: II
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (8)..(8)
; OTHER INFORMATION: y is 't' or 'c'.
US-10-972-766-5

Query Match 20.0%; Score 2; DB 7; Length 15;
Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 3 RC 4
DB 8 RC 7

RESULT 63

US-10-972-766-11
; Sequence 11, Application US/10972766
; Publication No. US20050250118A1
; GENERAL INFORMATION:
; APPLICANT: Aerssens, Jeroen
; APPLICANT: Athanasios, Maria
; APPLICANT: Brain, Carlos
; APPLICANT: Cohen, Nadine
; APPLICANT: Dain, Bradley
; APPLICANT: Denton, R. Rex
; APPLICANT: Judson, Richard
; APPLICANT: Ozdemir, Vural
; APPLICANT: Reed, Carol R
; TITLE OF INVENTION: EPHX2 Genetic Markers Associated with Galantamine Response
; FILE REFERENCE: 2300.0030001
; CURRENT APPLICATION NUMBER: US/10/972,766
; CURRENT FILING DATE: 2004-10-26
; PRIOR APPLICATION NUMBER: 60/515,378
; PRIOR FILING DATE: 2003-10-28
; NUMBER OF SEQ ID NOS: 50
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 11
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial
; FEATURE:
; OTHER INFORMATION: ASO Forward Primer for Detecting Alleles at PSs in Haplotypes
; OTHER INFORMATION: Comprising Preferred Embodiments of Response Markers I and
; OTHER INFORMATION: Response Markers II
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (14)..(14)
; OTHER INFORMATION: y is 't' or 'c'
US-10-972-766-11

Query Match 20.0%; Score 2; DB 7; Length 15;
Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 7 GY 8
DB 13 GY 14

RESULT 64

```
US-10-972-766-11/c
; Sequence 11, Application US/10972766
; Publication No. US20050250118A1
; GENERAL INFORMATION:
; APPLICANT: Aerssens, Jeroen
; APPLICANT: Athanasiou, Maria
; APPLICANT: Brain, Carlos
; APPLICANT: Cohen, Nadine
; APPLICANT: Dain, Bradley
; APPLICANT: Denton, R. Rex
; APPLICANT: Judson, Richard
; APPLICANT: Ozdemir, Vural
; APPLICANT: Reed, Carol R
; TITLE OF INVENTION: EPHX2 Genetic Markers Associated with Galantamine Response
; FILE REFERENCE: 2300.0030001
; CURRENT APPLICATION NUMBER: US/10/972,766
; CURRENT FILING DATE: 2004-10-26
; PRIOR APPLICATION NUMBER: 60/515,378
; PRIOR FILING DATE: 2003-10-28
; NUMBER OF SEQ ID NOS: 50
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 11
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial
; FEATURE:
; OTHER INFORMATION: ASO Forward Primer for Detecting Alleles at PSs in Haplotypes
; OTHER INFORMATION: Comprising Preferred Embodiments of Response Markers I and
; OTHER INFORMATION: Response Markers II
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (14)..(14)
; OTHER INFORMATION: Y is 't' or 'c'
US-10-972-766-11

Query Match          20.0%; Score 2; DB 7; Length 15;
Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      3 RC 4
      ||
Db      14 RC 13

RESULT 65
US-10-972-766-17
; Sequence 17, Application US/10972766
; Publication No. US20050250118A1
; GENERAL INFORMATION:
; APPLICANT: Aerssens, Jeroen
; APPLICANT: Athanasiou, Maria
; APPLICANT: Brain, Carlos
; APPLICANT: Cohen, Nadine
; APPLICANT: Dain, Bradley
; APPLICANT: Denton, R. Rex
; APPLICANT: Judson, Richard
; APPLICANT: Ozdemir, Vural
; APPLICANT: Reed, Carol R
; TITLE OF INVENTION: EPHX2 Genetic Markers Associated with Galantamine Response
; FILE REFERENCE: 2300.0030001
; CURRENT APPLICATION NUMBER: US/10/972,766
; CURRENT FILING DATE: 2004-10-26
; PRIOR APPLICATION NUMBER: 60/515,378
; PRIOR FILING DATE: 2003-10-28
; NUMBER OF SEQ ID NOS: 50
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 17
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial
; FEATURE:
; OTHER INFORMATION: ASO Reverse Primer for Detecting Alleles at PSs in Haplotypes
; OTHER INFORMATION: Comprising Preferred Embodiments of Response Markers I and
; OTHER INFORMATION: Response Markers II
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (14)..(14)
; OTHER INFORMATION: r is 'g' or 'a'
US-10-972-766-17

Query Match          20.0%; Score 2; DB 7; Length 15;
Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      7 GY 8
      ||
Db      15 GY 14

RESULT 67
US-10-993-514-5
; Sequence 5, Application US/10993514
; Publication No. US20050250122A1
; GENERAL INFORMATION:
; APPLICANT: Aerssens, Jeroen
; APPLICANT: Athanasiou, Maria
; APPLICANT: Brain, Carlos
; APPLICANT: Cohen, Nadine
; APPLICANT: Dain, Bradley
; APPLICANT: Denton, R. Rex
; APPLICANT: Judson, Richard S
; OTHER INFORMATION: ASO Reverse Primer for Detecting Alleles at PSs in Haplotypes
; OTHER INFORMATION: Comprising Preferred Embodiments of Response Markers I and
```

```
; OTHER INFORMATION: Response Markers II
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (14)..(14)
; OTHER INFORMATION: r is 'g' or 'a'
US-10-972-766-17

Query Match          20.0%; Score 2; DB 7; Length 15;
Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      3 RC 4
      ||
Db      14 RC 15

RESULT 66
US-10-972-766-17/c
; Sequence 17, Application US/10972766
; Publication No. US20050250118A1
; GENERAL INFORMATION:
; APPLICANT: Aerssens, Jeroen
; APPLICANT: Athanasiou, Maria
; APPLICANT: Brain, Carlos
; APPLICANT: Cohen, Nadine
; APPLICANT: Dain, Bradley
; APPLICANT: Denton, R. Rex
; APPLICANT: Judson, Richard
; APPLICANT: Ozdemir, Vural
; APPLICANT: Reed, Carol R
; TITLE OF INVENTION: EPHX2 Genetic Markers Associated with Galantamine Response
; FILE REFERENCE: 2300.0030001
; CURRENT APPLICATION NUMBER: US/10/972,766
; CURRENT FILING DATE: 2004-10-26
; PRIOR APPLICATION NUMBER: 60/515,378
; PRIOR FILING DATE: 2003-10-28
; NUMBER OF SEQ ID NOS: 50
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 17
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial
; FEATURE:
; OTHER INFORMATION: ASO Reverse Primer for Detecting Alleles at PSs in Haplotypes
; OTHER INFORMATION: Comprising Preferred Embodiments of Response Markers I and
; OTHER INFORMATION: Response Markers II
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (14)..(14)
; OTHER INFORMATION: r is 'g' or 'a'
US-10-972-766-17

Query Match          20.0%; Score 2; DB 7; Length 15;
Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      7 GY 8
      ||
Db      15 GY 14

RESULT 67
US-10-993-514-5
; Sequence 5, Application US/10993514
; Publication No. US20050250122A1
; GENERAL INFORMATION:
; APPLICANT: Aerssens, Jeroen
; APPLICANT: Athanasiou, Maria
; APPLICANT: Brain, Carlos
; APPLICANT: Cohen, Nadine
; APPLICANT: Dain, Bradley
; APPLICANT: Denton, R. Rex
; APPLICANT: Judson, Richard S
; OTHER INFORMATION: ASO Reverse Primer for Detecting Alleles at PSs in Haplotypes
; OTHER INFORMATION: Comprising Preferred Embodiments of Response Markers I and
```

```

; APPLICANT: Ozdemir, Vural
; APPLICANT: Reed, Carol R.
; TITLE OF INVENTION: APOA4 Genetic Markers Associated with Progression of Alzheimer's
; FILE OF INVENTION: Disease
; FILE REFERENCE: 2300.0080001
; CURRENT APPLICATION NUMBER: US/10/993,514
; CURRENT FILING DATE: 2004-11-22
; PRIOR APPLICATION NUMBER: US 60/524,467
; PRIOR FILING DATE: 2003-11-24
; NUMBER OF SEQ ID NOS: 64
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 5
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: ASO Probe for Detecting Alleles at PSS in Haplotypes Comprising
; OTHER INFORMATION: Preferred Embodiments of Progression Markers I and Progression
; OTHER INFORMATION: Markers II
; FEATURE:
; NAME/KEY: misc.feature
; LOCATION: (8)..(8)
; OTHER INFORMATION: y is 't' or 'c'
US-10-993-514-5

Query Match      20.0%; Score 2; DB 7; Length 15;
Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      7 GY 8
        ||
DB      7 GY 8

RESULT 68
US-10-993-514-5/c
; Sequence 5, Application US/10993514
; Publication No. US20050250122A1
; GENERAL INFORMATION:
; APPLICANT: Aerssens, Jeroen
; APPLICANT: Athanasiou, Maria
; APPLICANT: Brain, Carlos
; APPLICANT: Cohen, Nadine
; APPLICANT: Dain, Bradley
; APPLICANT: Denton, R. Rex
; APPLICANT: Judson, Richard S.
; APPLICANT: Ozdemir, Vural
; APPLICANT: Reed, Carol R.
; TITLE OF INVENTION: APOA4 Genetic Markers Associated with Progression of Alzheimer's
; FILE OF INVENTION: Disease
; FILE REFERENCE: 2300.0080001
; CURRENT APPLICATION NUMBER: US/10/993,514
; CURRENT FILING DATE: 2004-11-22
; PRIOR APPLICATION NUMBER: US 60/524,467
; PRIOR FILING DATE: 2003-11-24
; NUMBER OF SEQ ID NOS: 64
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 5
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: ASO Probe for Detecting Alleles at PSS in Haplotypes Comprising
; OTHER INFORMATION: Preferred Embodiments of Progression Markers I and Progression
; OTHER INFORMATION: Markers II
; FEATURE:
; NAME/KEY: misc.feature
; LOCATION: (8)..(8)
; OTHER INFORMATION: y is 't' or 'c'
US-10-993-514-5

Query Match      20.0%; Score 2; DB 7; Length 15;
Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      3 RC 4
        ||
DB      8 RC 7

RESULT 69
US-10-993-514-6
; Sequence 6, Application US/10993514
; Publication No. US20050250122A1
; GENERAL INFORMATION:
; APPLICANT: Aerssens, Jeroen
; APPLICANT: Athanasiou, Maria
; APPLICANT: Brain, Carlos
; APPLICANT: Cohen, Nadine
; APPLICANT: Dain, Bradley
; APPLICANT: Denton, R. Rex
; APPLICANT: Judson, Richard S.
; APPLICANT: Ozdemir, Vural
; APPLICANT: Reed, Carol R.
; TITLE OF INVENTION: APOA4 Genetic Markers Associated with Progression of Alzheimer's
; FILE OF INVENTION: Disease
; FILE REFERENCE: 2300.0080001
; CURRENT APPLICATION NUMBER: US/10/993,514
; CURRENT FILING DATE: 2004-11-22
; PRIOR APPLICATION NUMBER: US 60/524,467
; PRIOR FILING DATE: 2003-11-24
; NUMBER OF SEQ ID NOS: 64
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 6
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: ASO Probe for Detecting Alleles at PSS in Haplotypes Comprising
; OTHER INFORMATION: Preferred Embodiments of Progression Markers I and Progression
; OTHER INFORMATION: Markers II
; FEATURE:
; NAME/KEY: misc.feature
; LOCATION: (8)..(8)
; OTHER INFORMATION: r is 'g' or 'a'
US-10-993-514-6

Query Match      20.0%; Score 2; DB 7; Length 15;
Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      3 RC 4
        ||
DB      8 RC 9

RESULT 70
US-10-993-514-6/c
; Sequence 6, Application US/10993514
; Publication No. US20050250122A1
; GENERAL INFORMATION:
; APPLICANT: Aerssens, Jeroen
; APPLICANT: Athanasiou, Maria
; APPLICANT: Brain, Carlos
; APPLICANT: Cohen, Nadine
; APPLICANT: Dain, Bradley
; APPLICANT: Denton, R. Rex
; APPLICANT: Judson, Richard S.
; APPLICANT: Ozdemir, Vural
; APPLICANT: Reed, Carol R.
; TITLE OF INVENTION: APOA4 Genetic Markers Associated with Progression of Alzheimer's
; FILE OF INVENTION: Disease
; FILE REFERENCE: 2300.0080001
; CURRENT APPLICATION NUMBER: US/10/993,514
; CURRENT FILING DATE: 2004-11-22
; PRIOR APPLICATION NUMBER: US 60/524,467

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; PRIOR FILING DATE: 2003-11-24
; NUMBER OF SEQ ID NOS: 64
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 6
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: ASO Probe for Detecting Alleles at PSS in Haplotypes Comprising
; OTHER INFORMATION: Preferred Embodiments of Progression Markers I and Progression
; OTHER INFORMATION: Markers II
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (8)..(8)
; OTHER INFORMATION: r is 'g' or 'a'
US-10-993-514-6

Query Match          20.0%; Score 2; DB 7; Length 15;
Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 7 GY 8
   ||
Db 9 GY 8

RESULT 71
US-10-993-514-12
; Sequence 12, Application US/10993514
; Publication No. US20050250122A1
; GENERAL INFORMATION:
; APPLICANT: Aerssens, Jeroen
; APPLICANT: Athanasiou, Maria
; APPLICANT: Brain, Carlos
; APPLICANT: Cohen, Nadine
; APPLICANT: Dain, Bradley
; APPLICANT: Denton, R. Rex
; APPLICANT: Ozdemir, Vural
; APPLICANT: Reed, Carol R.
; TITLE OF INVENTION: APOA4 Genetic Markers Associated with Progression of Alzheimer's
; FILE REFERENCE: 2300.0080001
; CURRENT APPLICATION NUMBER: US/10/993,514
; CURRENT FILING DATE: 2004-11-22
; PRIOR APPLICATION NUMBER: US 60/524,467
; PRIOR FILING DATE: 2003-11-24
; NUMBER OF SEQ ID NOS: 64
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 12
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: ASO Forward Primer for Detecting Alleles at PSS in Haplotypes
; OTHER INFORMATION: Comprising Preferred Embodiments of Progression Markers I and
; OTHER INFORMATION: Progression Markers II
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (14)..(14)
; OTHER INFORMATION: y is 't' or 'c'
US-10-993-514-12

Query Match          20.0%; Score 2; DB 7; Length 15;
Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 3 RC 4
   ||
Db 14 RC 13

RESULT 73
US-10-993-514-13
; Sequence 13, Application US/10993514
; Publication No. US20050250122A1
; GENERAL INFORMATION:
; APPLICANT: Aerssens, Jeroen
; APPLICANT: Athanasiou, Maria
; APPLICANT: Brain, Carlos
; APPLICANT: Cohen, Nadine
; APPLICANT: Dain, Bradley
; APPLICANT: Denton, R. Rex
; APPLICANT: Judson, Richard S.
; APPLICANT: Ozdemir, Vural
; APPLICANT: Reed, Carol R.
; TITLE OF INVENTION: APOA4 Genetic Markers Associated with Progression of Alzheimer's
; FILE REFERENCE: 2300.0080001
; CURRENT APPLICATION NUMBER: US/10/993,514
; CURRENT FILING DATE: 2004-11-22
; PRIOR APPLICATION NUMBER: US 60/524,467
; PRIOR FILING DATE: 2003-11-24
; NUMBER OF SEQ ID NOS: 64
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 13
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
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```
US-10-993-514-12/c
; Sequence 12, Application US/10993514
; Publication No. US20050250122A1
; GENERAL INFORMATION:
; APPLICANT: Aerssens, Jeroen
; APPLICANT: Athanasiou, Maria
; APPLICANT: Brain, Carlos
; APPLICANT: Cohen, Nadine
; APPLICANT: Dain, Bradley
; APPLICANT: Denton, R. Rex
; APPLICANT: Judson, Richard S.
; APPLICANT: Ozdemir, Vural
; APPLICANT: Reed, Carol R.
; TITLE OF INVENTION: APOA4 Genetic Markers Associated with Progression of Alzheimer's
; FILE REFERENCE: 2300.0080001
; CURRENT APPLICATION NUMBER: US/10/993,514
; CURRENT FILING DATE: 2004-11-22
; PRIOR APPLICATION NUMBER: US 60/524,467
; PRIOR FILING DATE: 2003-11-24
; NUMBER OF SEQ ID NOS: 64
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 12
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: ASO Forward Primer for Detecting Alleles at PSS in Haplotypes
; OTHER INFORMATION: Comprising Preferred Embodiments of Progression Markers I and
; OTHER INFORMATION: Progression Markers II
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (14)..(14)
; OTHER INFORMATION: y is 't' or 'c'
US-10-993-514-12

Query Match          20.0%; Score 2; DB 7; Length 15;
Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 3 RC 4
   ||
Db 14 RC 13

RESULT 73
US-10-993-514-13
; Sequence 13, Application US/10993514
; Publication No. US20050250122A1
; GENERAL INFORMATION:
; APPLICANT: Aerssens, Jeroen
; APPLICANT: Athanasiou, Maria
; APPLICANT: Brain, Carlos
; APPLICANT: Cohen, Nadine
; APPLICANT: Dain, Bradley
; APPLICANT: Denton, R. Rex
; APPLICANT: Judson, Richard S.
; APPLICANT: Ozdemir, Vural
; APPLICANT: Reed, Carol R.
; TITLE OF INVENTION: APOA4 Genetic Markers Associated with Progression of Alzheimer's
; FILE REFERENCE: 2300.0080001
; CURRENT APPLICATION NUMBER: US/10/993,514
; CURRENT FILING DATE: 2004-11-22
; PRIOR APPLICATION NUMBER: US 60/524,467
; PRIOR FILING DATE: 2003-11-24
; NUMBER OF SEQ ID NOS: 64
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 13
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
```

```

; OTHER INFORMATION: ASO Forward Primer for Detecting Alleles at PSs in Haplotypes
; OTHER INFORMATION: Comprising Preferred Embodiments of Progression Markers I and
; OTHER INFORMATION: Progression Markers II
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (14)..(14)
; OTHER INFORMATION: r is 'g' or 'a'
US-10-993-514-13

Query Match      20.0%; Score 2; DB 7; Length 15;
Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      3 RC 4
Db      14 RC 15

RESULT 74
US-10-993-514-13/c
; Sequence 13, Application US/10993514
; Publication No. US20050250122A1
; GENERAL INFORMATION:
; APPLICANT: Aerssens, Jeroen
; APPLICANT: Athanasios, Maria
; APPLICANT: Brain, Carlos
; APPLICANT: Cohen, Nadine
; APPLICANT: Dain, Bradley
; APPLICANT: Denton, R. Rex
; APPLICANT: Ozdemir, Richard S.
; APPLICANT: Ozdemir, Vural
; APPLICANT: Reed, Carol R.
; TITLE OF INVENTION: APOA4 Genetic Markers Associated with Progression of Alzheimer's
; FILE REFERENCE: 2300.0080001
; CURRENT APPLICATION NUMBER: US/10/993,514
; PRIOR FILING DATE: 2004-11-22
; PRIOR APPLICATION NUMBER: US 60/524,467
; NUMBER OF SEQ ID NOS: 64
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 13
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: ASO Forward Primer for Detecting Alleles at PSs in Haplotypes
; OTHER INFORMATION: Comprising Preferred Embodiments of Progression Markers I and
; OTHER INFORMATION: Progression Markers II
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (14)..(14)
; OTHER INFORMATION: r is 'g' or 'a'
US-10-993-514-13

Query Match      20.0%; Score 2; DB 7; Length 15;
Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      7 GY 8
Db      15 GY 14

RESULT 75
US-10-993-514-13
; Sequence 19, Application US/10993514
; Publication No. US20050250122A1
; GENERAL INFORMATION:
; APPLICANT: Aerssens, Jeroen
; APPLICANT: Athanasios, Maria
; APPLICANT: Brain, Carlos
; APPLICANT: Cohen, Nadine
; APPLICANT: Dain, Bradley
; APPLICANT: Denton, R. Rex
; APPLICANT: Ozdemir, Richard S.
; APPLICANT: Ozdemir, Vural
; APPLICANT: Reed, Carol R.
; TITLE OF INVENTION: APOA4 Genetic Markers Associated with Progression of Alzheimer's
; FILE REFERENCE: 2300.0080001
; CURRENT APPLICATION NUMBER: US/10/993,514
; PRIOR FILING DATE: 2004-11-22
; PRIOR APPLICATION NUMBER: US 60/524,467
; NUMBER OF SEQ ID NOS: 64
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 13
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: ASO Forward Primer for Detecting Alleles at PSs in Haplotypes
; OTHER INFORMATION: Comprising Preferred Embodiments of Progression Markers I and
; OTHER INFORMATION: Progression Markers II
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (14)..(14)
; OTHER INFORMATION: r is 'g' or 'a'
US-10-993-514-13

Query Match      20.0%; Score 2; DB 7; Length 15;
Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      7 GY 8
Db      15 GY 14

RESULT 76
US-10-993-514-19/c
; Sequence 19, Application US/10993514
; Publication No. US20050250122A1
; GENERAL INFORMATION:
; APPLICANT: Aerssens, Jeroen
; APPLICANT: Athanasios, Maria
; APPLICANT: Brain, Carlos
; APPLICANT: Cohen, Nadine
; APPLICANT: Dain, Bradley
; APPLICANT: Denton, R. Rex
; APPLICANT: Ozdemir, Richard S.
; APPLICANT: Ozdemir, Vural
; APPLICANT: Reed, Carol R.
; TITLE OF INVENTION: APOA4 Genetic Markers Associated with Progression of Alzheimer's
; FILE REFERENCE: 2300.0080001
; CURRENT APPLICATION NUMBER: US/10/993,514
; PRIOR FILING DATE: 2004-11-22
; PRIOR APPLICATION NUMBER: US 60/524,467
; NUMBER OF SEQ ID NOS: 64
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 19
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: ASO Reverse Primer for Detecting Alleles at PSs in Haplotypes
; OTHER INFORMATION: Comprising Preferred Embodiments of Progression Markers I and
; OTHER INFORMATION: Progression Markers II
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (14)..(14)
; OTHER INFORMATION: r is 'g' or 'a'
US-10-993-514-19

Query Match      20.0%; Score 2; DB 7; Length 15;
Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      3 RC 4
Db      14 RC 15

RESULT 76
US-10-993-514-19/c
; Sequence 19, Application US/10993514
; Publication No. US20050250122A1
; GENERAL INFORMATION:
; APPLICANT: Aerssens, Jeroen
; APPLICANT: Athanasios, Maria
; APPLICANT: Brain, Carlos
; APPLICANT: Cohen, Nadine
; APPLICANT: Dain, Bradley
; APPLICANT: Denton, R. Rex
; APPLICANT: Ozdemir, Richard S.
; APPLICANT: Ozdemir, Vural
; APPLICANT: Reed, Carol R.
; TITLE OF INVENTION: APOA4 Genetic Markers Associated with Progression of Alzheimer's
; FILE REFERENCE: 2300.0080001
; CURRENT APPLICATION NUMBER: US/10/993,514
; PRIOR FILING DATE: 2004-11-22
; PRIOR APPLICATION NUMBER: US 60/524,467
; NUMBER OF SEQ ID NOS: 64
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 19
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: ASO Reverse Primer for Detecting Alleles at PSs in Haplotypes
; OTHER INFORMATION: Comprising Preferred Embodiments of Progression Markers I and
; OTHER INFORMATION: Progression Markers II
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (14)..(14)
; OTHER INFORMATION: r is 'g' or 'a'
US-10-993-514-19

```

```

; APPLICANT: Dain, Bradley
; APPLICANT: Denton, R. Rex
; APPLICANT: Judson, Richard S.
; APPLICANT: Ozdemir, Vural
; APPLICANT: Reed, Carol R.
; TITLE OF INVENTION: APOA4 Genetic Markers Associated with Progression of Alzheimer's
; FILE REFERENCE: 2300.0080001
; CURRENT APPLICATION NUMBER: US/10/993,514
; CURRENT FILING DATE: 2004-11-22
; PRIOR APPLICATION NUMBER: US 60/524,467
; PRIOR FILING DATE: 2003-11-24
; NUMBER OF SEQ ID NOS: 64
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 19
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: ASO Reverse Primer for Detecting Alleles at PSs in Haplotypes
; OTHER INFORMATION: Comprising Preferred Embodiments of Progression Markers I and
; OTHER INFORMATION: Progression Markers II
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (14)..(14)
; OTHER INFORMATION: r is 'g' or 'a'
US-10-993-514-19

Query Match      20.0%; Score 2; DB 7; Length 15;
Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      3 RC 4
Db      14 RC 15

RESULT 76
US-10-993-514-19/c
; Sequence 19, Application US/10993514
; Publication No. US20050250122A1
; GENERAL INFORMATION:
; APPLICANT: Aerssens, Jeroen
; APPLICANT: Athanasios, Maria
; APPLICANT: Brain, Carlos
; APPLICANT: Cohen, Nadine
; APPLICANT: Dain, Bradley
; APPLICANT: Denton, R. Rex
; APPLICANT: Judson, Richard S.
; APPLICANT: Ozdemir, Vural
; APPLICANT: Reed, Carol R.
; TITLE OF INVENTION: APOA4 Genetic Markers Associated with Progression of Alzheimer's
; FILE REFERENCE: 2300.0080001
; CURRENT APPLICATION NUMBER: US/10/993,514
; CURRENT FILING DATE: 2004-11-22
; PRIOR APPLICATION NUMBER: US 60/524,467
; PRIOR FILING DATE: 2003-11-24
; NUMBER OF SEQ ID NOS: 64
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 19
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: ASO Reverse Primer for Detecting Alleles at PSs in Haplotypes
; OTHER INFORMATION: Comprising Preferred Embodiments of Progression Markers I and
; OTHER INFORMATION: Progression Markers II
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (14)..(14)
; OTHER INFORMATION: r is 'g' or 'a'
US-10-993-514-19

```

```
Query Match          20.0%; Score 2; DB 7; Length 15;
Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 7 GY 8
Db 15 GY 14

RESULT 77
US-10-993-514-20
; Sequence 20, Application US/10993514
; Publication No. US20050250122A1
; GENERAL INFORMATION:
; APPLICANT: Aerssens, Jeroen
; APPLICANT: Athanasiou, Maria
; APPLICANT: Brain, Carlos
; APPLICANT: Cohen, Nadine
; APPLICANT: Dain, Bradley
; APPLICANT: Denton, R. Rex
; APPLICANT: Judson, Richard S.
; APPLICANT: Ozdemir, Vural
; APPLICANT: Reed, Carol R.
; TITLE OF INVENTION: APOA4 Genetic Markers Associated with Progression of Alzheimer's
; FILE OF INVENTION: Disease
; FILE REFERENCE: 2300.0080001
; CURRENT APPLICATION NUMBER: US/10/993,514
; CURRENT FILING DATE: 2004-11-22
; PRIOR APPLICATION NUMBER: US 60/524,467
; PRIOR FILING DATE: 2003-11-24
; NUMBER OF SEQ ID NOS: 64
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 20
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: ASO Reverse Primer for Detecting Alleles at PSS in Haplotypes
; OTHER INFORMATION: Comprising Preferred Embodiments of Progression Markers I and
; OTHER INFORMATION: Progression Markers II
; NAME/KEY: misc feature
; LOCATION: (14)..(14)
; OTHER INFORMATION: Y is 't' or 'c'
US-10-993-514-20

Query Match          20.0%; Score 2; DB 7; Length 15;
Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 7 GY 8
Db 13 GY 14

RESULT 78
US-10-993-514-20/c
; Sequence 20, Application US/10993514
; Publication No. US20050250122A1
; GENERAL INFORMATION:
; APPLICANT: Aerssens, Jeroen
; APPLICANT: Athanasiou, Maria
; APPLICANT: Brain, Carlos
; APPLICANT: Cohen, Nadine
; APPLICANT: Dain, Bradley
; APPLICANT: Denton, R. Rex
; APPLICANT: Judson, Richard S.
; APPLICANT: Ozdemir, Vural
; APPLICANT: Reed, Carol R.
; TITLE OF INVENTION: APOA4 Genetic Markers Associated with Progression of Alzheimer's
; FILE OF INVENTION: Disease
; FILE REFERENCE: 2300.0080001
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```
; CURRENT APPLICATION NUMBER: US/10/993,514
; CURRENT FILING DATE: 2004-11-22
; PRIOR APPLICATION NUMBER: US 60/524,467
; PRIOR FILING DATE: 2003-11-24
; NUMBER OF SEQ ID NOS: 64
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 20
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: ASO Reverse Primer for Detecting Alleles at PSS in Haplotypes
; OTHER INFORMATION: Comprising Preferred Embodiments of Progression Markers I and
; OTHER INFORMATION: Progression Markers II
; NAME/KEY: misc feature
; LOCATION: (14)..(14)
; OTHER INFORMATION: Y is 't' or 'c'
US-10-993-514-20

Query Match          20.0%; Score 2; DB 7; Length 15;
Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 3 RC 4
Db 14 RC 13

RESULT 79
US-10-962-756A-4
; Sequence 4, Application US/10962756A
; Publication No. US20050255488A1
; GENERAL INFORMATION:
; APPLICANT: Aerssens, Jeroen
; APPLICANT: Athanasiou, Maria
; APPLICANT: Brain, Carlos
; APPLICANT: Cohen, Nadine
; APPLICANT: Dain, Bradley
; APPLICANT: Denton, R. Rex
; APPLICANT: Judson, Richard S.
; APPLICANT: Ozdemir, Vural
; APPLICANT: Reed, Carol R.
; TITLE OF INVENTION: NTRK1 Genetic Markers Associated with Age of Onset of Alzheimer's
; FILE REFERENCE: 2300.0020001
; CURRENT APPLICATION NUMBER: US/10/962,756A
; CURRENT FILING DATE: 2004-10-13
; PRIOR APPLICATION NUMBER: US 60/511,247
; PRIOR FILING DATE: 2003-10-15
; NUMBER OF SEQ ID NOS: 83
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 4
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: ASO Probe for Detecting Alleles at PSS in Haplotypes Comprising P
; OTHER INFORMATION: referred Embodiments of Age of Onset Markers I and I
US-10-962-756A-4

Query Match          20.0%; Score 2; DB 7; Length 15;
Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 7 GY 8
Db 7 GY 8

RESULT 80
US-10-962-756A-4/c
; Sequence 4, Application US/10962756A
; Publication No. US20050255488A1
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```

; GENERAL INFORMATION:
; APPLICANT: Aerssens, Jeroen
; APPLICANT: Athanasiou, Maria
; APPLICANT: Brain, Carlos
; APPLICANT: Cohen, Nadine
; APPLICANT: Dain, Bradley
; APPLICANT: Denton, R. Rex
; APPLICANT: Judson, Richard S.
; APPLICANT: Ozdemir, Vural
; APPLICANT: Reed, Carol R.
; TITLE OF INVENTION: NTRK1 Genetic Markers Associated with Age of Onset of Alzheimer's
; FILE REFERENCE: 2300.0020001
; CURRENT APPLICATION NUMBER: US/10/962,756A
; CURRENT FILING DATE: 2004-10-13
; PRIOR APPLICATION NUMBER: US 60/511,247
; PRIOR FILING DATE: 2003-10-15
; NUMBER OF SEQ ID NOS: 83
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 4
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: ASO Probe for Detecting Alleles at PSs in Haplotypes Comprising P
; OTHER INFORMATION: referred Embodiments of Age of Onset Markers I and I
US-10-962-756A-4

Query Match          20.0%; Score 2; DB 7; Length 15;
Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 3 RC 4
   ||
Db 8 RC 7

RESULT 81
US-10-962-756A-6
; Sequence 6, Application US/10962756A
; Publication No. US20050255488A1
; GENERAL INFORMATION:
; APPLICANT: Aerssens, Jeroen
; APPLICANT: Athanasiou, Maria
; APPLICANT: Brain, Carlos
; APPLICANT: Cohen, Nadine
; APPLICANT: Dain, Bradley
; APPLICANT: Denton, R. Rex
; APPLICANT: Judson, Richard S.
; APPLICANT: Ozdemir, Vural
; APPLICANT: Reed, Carol R.
; TITLE OF INVENTION: NTRK1 Genetic Markers Associated with Age of Onset of Alzheimer's
; FILE REFERENCE: 2300.0020001
; CURRENT APPLICATION NUMBER: US/10/962,756A
; CURRENT FILING DATE: 2004-10-13
; PRIOR APPLICATION NUMBER: US 60/511,247
; PRIOR FILING DATE: 2003-10-15
; NUMBER OF SEQ ID NOS: 83
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 6
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: ASO Probe for Detecting Alleles at PSs in Haplotypes Comprising P
; OTHER INFORMATION: referred Embodiments of Age of Onset Markers I and I
US-10-962-756A-6

Query Match          20.0%; Score 2; DB 7; Length 15;
Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 3 RC 4
   ||
Db 8 RC 7

RESULT 82
US-10-962-756A-6/c
; Sequence 6, Application US/10962756A
; Publication No. US20050255488A1
; GENERAL INFORMATION:
; APPLICANT: Aerssens, Jeroen
; APPLICANT: Athanasiou, Maria
; APPLICANT: Brain, Carlos
; APPLICANT: Cohen, Nadine
; APPLICANT: Dain, Bradley
; APPLICANT: Denton, R. Rex
; APPLICANT: Judson, Richard S.
; APPLICANT: Ozdemir, Vural
; APPLICANT: Reed, Carol R.
; TITLE OF INVENTION: NTRK1 Genetic Markers Associated with Age of Onset of Alzheimer's
; FILE REFERENCE: 2300.0020001
; CURRENT APPLICATION NUMBER: US/10/962,756A
; CURRENT FILING DATE: 2004-10-13
; PRIOR APPLICATION NUMBER: US 60/511,247
; PRIOR FILING DATE: 2003-10-15
; NUMBER OF SEQ ID NOS: 83
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 6
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: ASO Probe for Detecting Alleles at PSs in Haplotypes Comprising P
; OTHER INFORMATION: referred Embodiments of Age of Onset Markers I and I
US-10-962-756A-6

Query Match          20.0%; Score 2; DB 7; Length 15;
Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 3 RC 4
   ||
Db 8 RC 7

RESULT 83
US-10-962-756A-10
; Sequence 10, Application US/10962756A
; Publication No. US20050255488A1
; GENERAL INFORMATION:
; APPLICANT: Aerssens, Jeroen
; APPLICANT: Athanasiou, Maria
; APPLICANT: Brain, Carlos
; APPLICANT: Cohen, Nadine
; APPLICANT: Dain, Bradley
; APPLICANT: Denton, R. Rex
; APPLICANT: Judson, Richard S.
; APPLICANT: Ozdemir, Vural
; APPLICANT: Reed, Carol R.
; TITLE OF INVENTION: NTRK1 Genetic Markers Associated with Age of Onset of Alzheimer's
; FILE REFERENCE: 2300.0020001
; CURRENT APPLICATION NUMBER: US/10/962,756A
; CURRENT FILING DATE: 2004-10-13
; PRIOR APPLICATION NUMBER: US 60/511,247
; PRIOR FILING DATE: 2003-10-15
; NUMBER OF SEQ ID NOS: 83
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 10
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: ASO Probe for Detecting Alleles at PSs in Haplotypes Comprising P
; OTHER INFORMATION: referred Embodiments of Age of Onset Markers I and I
US-10-962-756A-10

Query Match          20.0%; Score 2; DB 7; Length 15;
Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 7 GY 8
   ||
```

Query Match 20.0%; Score 2; DB 7; Length 15;
Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 7 GY 8
||
Db 7 GY 8

RESULT 84

US-10-962-756A-10/c
; Sequence 10, Application US/10962756A
; Publication No. US20050255488A1
; GENERAL INFORMATION:
; APPLICANT: Aerssens, Jeroen
; APPLICANT: Athanasiou, Maria
; APPLICANT: Brain, Carlos
; APPLICANT: Cohen, Nadine
; APPLICANT: Dain, Bradley
; APPLICANT: Denton, R. Rex
; APPLICANT: Judson, Richard S.
; APPLICANT: Ozdemir, Vural
; APPLICANT: Reed, Carol R.
; TITLE OF INVENTION: NTRK1 Genetic Markers Associated with Age of Onset of Alzheimer's
; FILE REFERENCE: 2300.0020001
; CURRENT APPLICATION NUMBER: US/10/962,756A
; CURRENT FILING DATE: 2004-10-13
; PRIOR APPLICATION NUMBER: US 60/511,247
; PRIOR FILING DATE: 2003-10-15
; NUMBER OF SEQ ID NOS: 83
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 10
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: ASO Probe for Detecting Alleles at PSS in Haplotypes Comprising F
; OTHER INFORMATION: referred Embodiments of Age of Onset Markers I and I
US-10-962-756A-10

Query Match 20.0%; Score 2; DB 7; Length 15;
Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 3 RC 4
||
Db 8 RC 7

RESULT 85

US-10-962-756A-13
; Sequence 13, Application US/10962756A
; Publication No. US20050255488A1
; GENERAL INFORMATION:
; APPLICANT: Aerssens, Jeroen
; APPLICANT: Athanasiou, Maria
; APPLICANT: Brain, Carlos
; APPLICANT: Cohen, Nadine
; APPLICANT: Dain, Bradley
; APPLICANT: Denton, R. Rex
; APPLICANT: Judson, Richard S.
; APPLICANT: Ozdemir, Vural
; APPLICANT: Reed, Carol R.
; TITLE OF INVENTION: NTRK1 Genetic Markers Associated with Age of Onset of Alzheimer's
; FILE REFERENCE: 2300.0020001
; CURRENT APPLICATION NUMBER: US/10/962,756A
; CURRENT FILING DATE: 2004-10-13
; PRIOR APPLICATION NUMBER: US 60/511,247
; PRIOR FILING DATE: 2003-10-15
; NUMBER OF SEQ ID NOS: 83
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 13

; LENGTH: 15

; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:

; OTHER INFORMATION: ASO Forward Primer for Detecting Alleles at PSS in Haplotypes Com
; OTHER INFORMATION: prising Preferred Embodiments of Age of Onset Markers I and I
US-10-962-756A-13

Query Match 20.0%; Score 2; DB 7; Length 15;
Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 7 GY 8
||
Db 13 GY 14

RESULT 86

US-10-962-756A-13/c
; Sequence 13, Application US/10962756A
; Publication No. US20050255488A1
; GENERAL INFORMATION:
; APPLICANT: Aerssens, Jeroen
; APPLICANT: Athanasiou, Maria
; APPLICANT: Brain, Carlos
; APPLICANT: Cohen, Nadine
; APPLICANT: Dain, Bradley
; APPLICANT: Denton, R. Rex
; APPLICANT: Judson, Richard S.
; APPLICANT: Ozdemir, Vural
; APPLICANT: Reed, Carol R.
; TITLE OF INVENTION: NTRK1 Genetic Markers Associated with Age of Onset of Alzheimer's
; FILE REFERENCE: 2300.0020001
; CURRENT APPLICATION NUMBER: US/10/962,756A
; CURRENT FILING DATE: 2004-10-13
; PRIOR APPLICATION NUMBER: US 60/511,247
; PRIOR FILING DATE: 2003-10-15
; NUMBER OF SEQ ID NOS: 83
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 13
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: ASO Forward Primer for Detecting Alleles at PSS in Haplotypes Com
; OTHER INFORMATION: prising Preferred Embodiments of Age of Onset Markers I and I
US-10-962-756A-13

Query Match 20.0%; Score 2; DB 7; Length 15;
Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 3 RC 4
||
Db 14 RC 13

RESULT 87

US-10-962-756A-15
; Sequence 15, Application US/10962756A
; Publication No. US20050255488A1
; GENERAL INFORMATION:
; APPLICANT: Aerssens, Jeroen
; APPLICANT: Athanasiou, Maria
; APPLICANT: Brain, Carlos
; APPLICANT: Cohen, Nadine
; APPLICANT: Dain, Bradley
; APPLICANT: Denton, R. Rex
; APPLICANT: Judson, Richard S.
; APPLICANT: Ozdemir, Vural
; APPLICANT: Reed, Carol R.
; TITLE OF INVENTION: NTRK1 Genetic Markers Associated with Age of Onset of Alzheimer's
; FILE REFERENCE: 2300.0020001

; CURRENT APPLICATION NUMBER: US/10/962,756A
; CURRENT FILING DATE: 2004-10-13
; PRIOR APPLICATION NUMBER: US 60/511,247
; PRIOR FILING DATE: 2003-10-15
; NUMBER OF SEQ ID NOS: 83
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 15
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: ASO Forward Primer for Detecting Alleles at PSS in Haplotypes Com
; OTHER INFORMATION: prising Preferred Embodiments of Age of Onset Markers I and I
US-10-962-756A-15

Query Match 20.0%; Score 2; DB 7; Length 15;
Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 7 GY 8
||
Db 13 GY 14

RESULT 88

US-10-962-756A-15/c
; Sequence 15, Application US/10962756A
; Publication No. US20050255488A1
; GENERAL INFORMATION:
; APPLICANT: Aerssens, Jeroen
; APPLICANT: Athanasiou, Maria
; APPLICANT: Brain, Carlos
; APPLICANT: Cohen, Nadine
; APPLICANT: Dain, Bradley
; APPLICANT: Denton, R. Rex
; APPLICANT: Judson, Richard S.
; APPLICANT: Ozdemir, Vural
; APPLICANT: Reed, Carol R.
; TITLE OF INVENTION: NTRK1 Genetic Markers Associated with Age of Onset of Alzheimer's

; FILE REFERENCE: 2300.0020001
; CURRENT APPLICATION NUMBER: US/10/962,756A
; CURRENT FILING DATE: 2004-10-13
; PRIOR APPLICATION NUMBER: US 60/511,247
; PRIOR FILING DATE: 2003-10-15
; NUMBER OF SEQ ID NOS: 83
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 15
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: ASO Forward Primer for Detecting Alleles at PSS in Haplotypes Com
; OTHER INFORMATION: prising Preferred Embodiments of Age of Onset Markers I and I
US-10-962-756A-15

Query Match 20.0%; Score 2; DB 7; Length 15;
Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 3 RC 4
||
Db 14 RC 13

RESULT 89

US-10-962-756A-19
; Sequence 19, Application US/10962756A
; Publication No. US20050255488A1
; GENERAL INFORMATION:
; APPLICANT: Aerssens, Jeroen
; APPLICANT: Athanasiou, Maria
; APPLICANT: Brain, Carlos
; APPLICANT: Cohen, Nadine

; APPLICANT: Dain, Bradley
; APPLICANT: Denton, R. Rex
; APPLICANT: Judson, Richard S.
; APPLICANT: Ozdemir, Vural
; APPLICANT: Reed, Carol R.
; TITLE OF INVENTION: NTRK1 Genetic Markers Associated with Age of Onset of Alzheimer's
; FILE REFERENCE: 2300.0020001
; CURRENT APPLICATION NUMBER: US/10/962,756A
; CURRENT FILING DATE: 2004-10-13
; PRIOR APPLICATION NUMBER: US 60/511,247
; PRIOR FILING DATE: 2003-10-15
; NUMBER OF SEQ ID NOS: 83
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 19
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: ASO Forward Primer for Detecting Alleles at PSS in Haplotypes Com
; OTHER INFORMATION: prising Preferred Embodiments of Age of Onset Markers I and I
US-10-962-756A-19

Query Match 20.0%; Score 2; DB 7; Length 15;
Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 7 GY 8
||
Db 13 GY 14

RESULT 90

US-10-962-756A-19/c
; Sequence 19, Application US/10962756A
; Publication No. US20050255488A1
; GENERAL INFORMATION:
; APPLICANT: Aerssens, Jeroen
; APPLICANT: Athanasiou, Maria
; APPLICANT: Brain, Carlos
; APPLICANT: Cohen, Nadine
; APPLICANT: Dain, Bradley
; APPLICANT: Denton, R. Rex
; APPLICANT: Judson, Richard S.
; APPLICANT: Ozdemir, Vural
; APPLICANT: Reed, Carol R.
; TITLE OF INVENTION: NTRK1 Genetic Markers Associated with Age of Onset of Alzheimer's

; FILE REFERENCE: 2300.0020001
; CURRENT APPLICATION NUMBER: US/10/962,756A
; CURRENT FILING DATE: 2004-10-13
; PRIOR APPLICATION NUMBER: US 60/511,247
; PRIOR FILING DATE: 2003-10-15
; NUMBER OF SEQ ID NOS: 83
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 19
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: ASO Forward Primer for Detecting Alleles at PSS in Haplotypes Com
; OTHER INFORMATION: prising Preferred Embodiments of Age of Onset Markers I and I
US-10-962-756A-19

Query Match 20.0%; Score 2; DB 7; Length 15;
Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 3 RC 4
||
Db 14 RC 13

RESULT 91

US-10-962-756A-22

; Sequence 22, Application US/10962756A
; Publication No. US20050255488A1
; GENERAL INFORMATION:
; APPLICANT: Aerssens, Jeroen
; APPLICANT: Athanasiou, Maria
; APPLICANT: Brain, Carlos
; APPLICANT: Cohen, Nadine
; APPLICANT: Dain, Bradley
; APPLICANT: Denton, R. Rex
; APPLICANT: Judson, Richard S.
; APPLICANT: Ozdemir, Vural
; APPLICANT: Reed, Carol R.
; TITLE OF INVENTION: NTRK1 Genetic Markers Associated with Age of Onset of Alzheimer's
; FILE REFERENCE: 2300.0020001
; CURRENT APPLICATION NUMBER: US/10/962,756A
; CURRENT FILING DATE: 2004-10-13
; PRIOR APPLICATION NUMBER: US 60/511,247
; PRIOR FILING DATE: 2003-10-15
; NUMBER OF SEQ ID NOS: 83
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 22
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: ASO Reverse Primer for Detecting Alleles at PSs in Haplotypes Com
; OTHER INFORMATION: prising Preferred Embodiments of Age of Onset Markers I and I
US-10-962-756A-22

Query Match 20.0%; Score 2; DB 7; Length 15;
Best Local Similarity 100.0%; Pred. No. 1.5e+03; Indels 0; Gaps 0;
Matches 2; Conservative 0; Mismatches 0;

QY 3 RC 4
Db 14 RC 15

RESULT 92
US-10-962-756A-22/c
; Sequence 22, Application US/10962756A
; Publication No. US20050255488A1
; GENERAL INFORMATION:
; APPLICANT: Aerssens, Jeroen
; APPLICANT: Athanasiou, Maria
; APPLICANT: Brain, Carlos
; APPLICANT: Cohen, Nadine
; APPLICANT: Dain, Bradley
; APPLICANT: Denton, R. Rex
; APPLICANT: Judson, Richard S.
; APPLICANT: Ozdemir, Vural
; APPLICANT: Reed, Carol R.
; TITLE OF INVENTION: NTRK1 Genetic Markers Associated with Age of Onset of Alzheimer's
; FILE REFERENCE: 2300.0020001
; CURRENT APPLICATION NUMBER: US/10/962,756A
; CURRENT FILING DATE: 2004-10-13
; PRIOR APPLICATION NUMBER: US 60/511,247
; PRIOR FILING DATE: 2003-10-15
; NUMBER OF SEQ ID NOS: 83
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 22
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: ASO Reverse Primer for Detecting Alleles at PSs in Haplotypes Com
; OTHER INFORMATION: prising Preferred Embodiments of Age of Onset Markers I and I
US-10-962-756A-22

Query Match 20.0%; Score 2; DB 7; Length 15;
Best Local Similarity 100.0%; Pred. No. 1.5e+03; Indels 0; Gaps 0;
Matches 2; Conservative 0; Mismatches 0;

QY 7 CY 8
Db 15 CY 14

RESULT 93
US-10-962-756A-24
; Sequence 24, Application US/10962756A
; Publication No. US20050255488A1
; GENERAL INFORMATION:
; APPLICANT: Aerssens, Jeroen
; APPLICANT: Athanasiou, Maria
; APPLICANT: Brain, Carlos
; APPLICANT: Cohen, Nadine
; APPLICANT: Dain, Bradley
; APPLICANT: Denton, R. Rex
; APPLICANT: Judson, Richard S.
; APPLICANT: Ozdemir, Vural
; APPLICANT: Reed, Carol R.
; TITLE OF INVENTION: NTRK1 Genetic Markers Associated with Age of Onset of Alzheimer's
; FILE REFERENCE: 2300.0020001
; CURRENT APPLICATION NUMBER: US/10/962,756A
; CURRENT FILING DATE: 2004-10-13
; PRIOR APPLICATION NUMBER: US 60/511,247
; PRIOR FILING DATE: 2003-10-15
; NUMBER OF SEQ ID NOS: 83
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 24
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: ASO Reverse Primer for Detecting Alleles at PSs in Haplotypes Com
; OTHER INFORMATION: prising Preferred Embodiments of Age of Onset Markers I and I
US-10-962-756A-24

Query Match 20.0%; Score 2; DB 7; Length 15;
Best Local Similarity 100.0%; Pred. No. 1.5e+03; Indels 0; Gaps 0;
Matches 2; Conservative 0; Mismatches 0;

QY 3 RC 4
Db 14 RC 15

RESULT 94
US-10-962-756A-24/c
; Sequence 24, Application US/10962756A
; Publication No. US20050255488A1
; GENERAL INFORMATION:
; APPLICANT: Aerssens, Jeroen
; APPLICANT: Athanasiou, Maria
; APPLICANT: Brain, Carlos
; APPLICANT: Cohen, Nadine
; APPLICANT: Dain, Bradley
; APPLICANT: Denton, R. Rex
; APPLICANT: Judson, Richard S.
; APPLICANT: Ozdemir, Vural
; APPLICANT: Reed, Carol R.
; TITLE OF INVENTION: NTRK1 Genetic Markers Associated with Age of Onset of Alzheimer's
; FILE REFERENCE: 2300.0020001
; CURRENT APPLICATION NUMBER: US/10/962,756A
; CURRENT FILING DATE: 2004-10-13
; PRIOR APPLICATION NUMBER: US 60/511,247
; PRIOR FILING DATE: 2003-10-15
; NUMBER OF SEQ ID NOS: 83
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 24
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: ASO Reverse Primer for Detecting Alleles at PSs in Haplotypes Com

```
; OTHER INFORMATION: prising Preferred Embodiments of Age of Onset Markers I and I
US-10-962-756A-24

Query Match      20.0%; Score 2; DB 7; Length 15;
Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      7 GY 8
        ||
DB      15 GY 14

RESULT 95
US-10-962-756A-28
; Sequence 28, Application US/10962756A
; Publication No. US20050255488A1
; GENERAL INFORMATION:
; APPLICANT: Aerssens, Jeroen
; APPLICANT: Athanasiou, Maria
; APPLICANT: Brain, Carlos
; APPLICANT: Cohen, Nadine
; APPLICANT: Dain, Bradley
; APPLICANT: Denton, R. Rex
; APPLICANT: Judson, Richard S.
; APPLICANT: Ozdemir, Vural
; APPLICANT: Reed, Carol R.
; TITLE OF INVENTION: NTRK1 Genetic Markers Associated with Age of Onset of Alzheimer's
; FILE REFERENCE: 2300.0020001
; CURRENT APPLICATION NUMBER: US/10/962,756A
; CURRENT FILING DATE: 2004-10-13
; PRIOR APPLICATION NUMBER: US 60/511,247
; PRIOR FILING DATE: 2003-10-15
; NUMBER OF SEQ ID NOS: 83
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 28
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: ASO Reverse Primer for Detecting Alleles at PSs in Haplotypes Comprising Preferred Embodiments of Age of Onset Markers I and I
US-10-962-756A-28

Query Match      20.0%; Score 2; DB 7; Length 15;
Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      3 RC 4
        ||
DB      14 RC 15

RESULT 96
US-10-962-756A-28/c
; Sequence 28, Application US/10962756A
; Publication No. US20050255488A1
; GENERAL INFORMATION:
; APPLICANT: Aerssens, Jeroen
; APPLICANT: Athanasiou, Maria
; APPLICANT: Brain, Carlos
; APPLICANT: Cohen, Nadine
; APPLICANT: Dain, Bradley
; APPLICANT: Denton, R. Rex
; APPLICANT: Judson, Richard S.
; APPLICANT: Ozdemir, Vural
; APPLICANT: Reed, Carol R.
; TITLE OF INVENTION: NTRK1 Genetic Markers Associated with Age of Onset of Alzheimer's
; FILE REFERENCE: 2300.0020001
; CURRENT APPLICATION NUMBER: US/10/962,756A
; CURRENT FILING DATE: 2004-10-13
; PRIOR APPLICATION NUMBER: US 60/511,247
; PRIOR FILING DATE: 2003-10-15
; NUMBER OF SEQ ID NOS: 83
```

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; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 28
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: ASO Reverse Primer for Detecting Alleles at PSs in Haplotypes Comprising Preferred Embodiments of Age of Onset Markers I and I
US-10-962-756A-28

Query Match      20.0%; Score 2; DB 7; Length 15;
Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      7 GY 8
        ||
DB      15 GY 14

RESULT 97
US-10-993-516-4
; Sequence 4, Application US/10993516
; Publication No. US20050255492A1
; GENERAL INFORMATION:
; APPLICANT: Aerssens, Jeroen
; APPLICANT: Athanasiou, Maria
; APPLICANT: Brain, Carlos
; APPLICANT: Cohen, Nadine
; APPLICANT: Dain, Bradley
; APPLICANT: Denton, R. Rex
; APPLICANT: Judson, Richard S.
; APPLICANT: Ozdemir, Vural
; APPLICANT: Reed, Carol R.
; TITLE OF INVENTION: CHRNA9 Genetic Markers Associated with Progression of Alzheimer's
; FILE REFERENCE: 2300.0070001
; CURRENT APPLICATION NUMBER: US/10/993,516
; CURRENT FILING DATE: 2004-11-22
; PRIOR APPLICATION NUMBER: US 60/524,638
; PRIOR FILING DATE: 2003-11-24
; NUMBER OF SEQ ID NOS: 51
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 4
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: ASO Probe for Detecting Alleles at PSs in Haplotypes Comprising Preferred Embodiments of Progression Markers I and Progression Markers II
; NAME/KEY: misc feature
; LOCATION: (8)..(8)
; OTHER INFORMATION: r is 'g' or 'a'
US-10-993-516-4

Query Match      20.0%; Score 2; DB 7; Length 15;
Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      3 RC 4
        ||
DB      8 RC 9

RESULT 98
US-10-993-516-4/c
; Sequence 4, Application US/10993516
; Publication No. US20050255492A1
; GENERAL INFORMATION:
; APPLICANT: Aerssens, Jeroen
; APPLICANT: Athanasiou, Maria
; APPLICANT: Brain, Carlos
```

```
; APPLICANT: Cohen, Nadine
; APPLICANT: Dain, Bradley
; APPLICANT: Denton, R. Rex
; APPLICANT: Judson, Richard S.
; APPLICANT: Ozdemir, Vural
; APPLICANT: Reed, Carol R.
; TITLE OF INVENTION: CHRNA9 Genetic Markers Associated with Progression of Alzheimer's
; FILE REFERENCE: 2300.0070001
; CURRENT APPLICATION NUMBER: US/10/993,516
; CURRENT FILING DATE: 2004-11-22
; PRIOR FILING DATE: 2004-11-22
; PRIOR FILING DATE: 2003-11-24
; NUMBER OF SEQ ID NOS: 51
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 4
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: ASO Probe for Detecting Alleles at PSS in Haplotypes Comprising
; OTHER INFORMATION: Preferred Embodiments of Progression Markers I and Progression
; OTHER INFORMATION: Markers II
; NAME/KEY: misc feature
; LOCATION: (8)..(8)
; OTHER INFORMATION: r is 'g' or 'a'
US-10-993-516-4

Query Match      20.0%; Score 2; DB 7; Length 15;
Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 7 GY 8
Db 9 GY 8

RESULT 99
US-10-993-516-9
; Sequence 9, Application US/10993516
; Publication No. US20050255492A1
; GENERAL INFORMATION:
; APPLICANT: Aerssens, Jeroen
; APPLICANT: Athanasios, Maria
; APPLICANT: Brain, Carlos
; APPLICANT: Cohen, Nadine
; APPLICANT: Dain, Bradley
; APPLICANT: Denton, R. Rex
; APPLICANT: Judson, Richard S.
; APPLICANT: Ozdemir, Vural
; APPLICANT: Reed, Carol R.
; TITLE OF INVENTION: CHRNA9 Genetic Markers Associated with Progression of Alzheimer's
; FILE REFERENCE: 2300.0070001
; CURRENT APPLICATION NUMBER: US/10/993,516
; CURRENT FILING DATE: 2004-11-22
; PRIOR FILING DATE: 2004-11-22
; PRIOR FILING DATE: 2003-11-24
; NUMBER OF SEQ ID NOS: 51
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 9
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: ASO Forward Primer for Detecting Alleles at PSS in Haplotypes
; OTHER INFORMATION: Comprising Preferred Embodiments of Progression Markers I and
; OTHER INFORMATION: Progression Markers II
; NAME/KEY: misc feature
; LOCATION: (14)..(14)
; OTHER INFORMATION: r is 'g' or 'a'
US-10-993-516-9

Query Match      20.0%; Score 2; DB 7; Length 15;
Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 7 GY 8
Db 15 GY 14

RESULT 101
US-10-993-516-14
; Sequence 14, Application US/10993516
; Publication No. US20050255492A1
; GENERAL INFORMATION:
; APPLICANT: Aerssens, Jeroen
; APPLICANT: Athanasios, Maria
; APPLICANT: Brain, Carlos
; APPLICANT: Cohen, Nadine
; APPLICANT: Dain, Bradley
; APPLICANT: Denton, R. Rex
; APPLICANT: Judson, Richard S.
; APPLICANT: Ozdemir, Vural
; APPLICANT: Reed, Carol R.
; TITLE OF INVENTION: CHRNA9 Genetic Markers Associated with Progression of Alzheimer's
; FILE REFERENCE: 2300.0070001
; CURRENT APPLICATION NUMBER: US/10/993,516
; CURRENT FILING DATE: 2004-11-22
; PRIOR FILING DATE: 2004-11-22
; PRIOR FILING DATE: 2003-11-24
; NUMBER OF SEQ ID NOS: 51
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 9
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: ASO Forward Primer for Detecting Alleles at PSS in Haplotypes
; OTHER INFORMATION: Comprising Preferred Embodiments of Progression Markers I and
; OTHER INFORMATION: Progression Markers II
; NAME/KEY: misc feature
; LOCATION: (14)..(14)
; OTHER INFORMATION: r is 'g' or 'a'
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```
US-10-993-516-9

Query Match      20.0%; Score 2; DB 7; Length 15;
Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 3 RC 4
Db 14 RC 15

RESULT 100
US-10-993-516-9/c
; Sequence 9, Application US/10993516
; Publication No. US20050255492A1
; GENERAL INFORMATION:
; APPLICANT: Aerssens, Jeroen
; APPLICANT: Athanasios, Maria
; APPLICANT: Brain, Carlos
; APPLICANT: Cohen, Nadine
; APPLICANT: Dain, Bradley
; APPLICANT: Denton, R. Rex
; APPLICANT: Judson, Richard S.
; APPLICANT: Ozdemir, Vural
; APPLICANT: Reed, Carol R.
; TITLE OF INVENTION: CHRNA9 Genetic Markers Associated with Progression of Alzheimer's
; FILE REFERENCE: 2300.0070001
; CURRENT APPLICATION NUMBER: US/10/993,516
; CURRENT FILING DATE: 2004-11-22
; PRIOR APPLICATION NUMBER: US 60/524,638
; PRIOR FILING DATE: 2003-11-24
; NUMBER OF SEQ ID NOS: 51
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 9
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: ASO Forward Primer for Detecting Alleles at PSS in Haplotypes
; OTHER INFORMATION: Comprising Preferred Embodiments of Progression Markers I and
; OTHER INFORMATION: Progression Markers II
; NAME/KEY: misc feature
; LOCATION: (14)..(14)
; OTHER INFORMATION: r is 'g' or 'a'
US-10-993-516-9

Query Match      20.0%; Score 2; DB 7; Length 15;
Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 7 GY 8
Db 15 GY 14

RESULT 101
US-10-993-516-14
; Sequence 14, Application US/10993516
; Publication No. US20050255492A1
; GENERAL INFORMATION:
; APPLICANT: Aerssens, Jeroen
; APPLICANT: Athanasios, Maria
; APPLICANT: Brain, Carlos
; APPLICANT: Cohen, Nadine
; APPLICANT: Dain, Bradley
; APPLICANT: Denton, R. Rex
; APPLICANT: Judson, Richard S.
; APPLICANT: Ozdemir, Vural
; APPLICANT: Reed, Carol R.
; TITLE OF INVENTION: CHRNA9 Genetic Markers Associated with Progression of Alzheimer's
; FILE REFERENCE: 2300.0070001
; CURRENT APPLICATION NUMBER: US/10/993,516
; CURRENT FILING DATE: 2004-11-22
; PRIOR FILING DATE: 2004-11-22
; PRIOR FILING DATE: 2003-11-24
; NUMBER OF SEQ ID NOS: 51
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 9
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: ASO Forward Primer for Detecting Alleles at PSS in Haplotypes
; OTHER INFORMATION: Comprising Preferred Embodiments of Progression Markers I and
; OTHER INFORMATION: Progression Markers II
; NAME/KEY: misc feature
; LOCATION: (14)..(14)
; OTHER INFORMATION: r is 'g' or 'a'
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; FILE REFERENCE: 2300.0070001
; CURRENT APPLICATION NUMBER: US/10/993,516
; CURRENT FILING DATE: 2004-11-22
; PRIOR APPLICATION NUMBER: US 60/524,638
; PRIOR FILING DATE: 2003-11-24
; NUMBER OF SEQ ID NOS: 51
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 14
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: ASO Reverse Primer for Detecting Alleles at PSS in Haplotypes
; OTHER INFORMATION: Comprising Preferred Embodiments of Progression Markers I and
; OTHER INFORMATION: Progression Markers II
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (14)-(14)
; OTHER INFORMATION: Y is 't' or 'c'
US-10-993-516-14

Query Match      20.0%; Score 2; DB 7; Length 15;
Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      7 GY 8
Db      13 GY 14

RESULT 102
US-10-993-516-14/c
; Sequence 14, Application US/10993516
; Publication No. US20050255492A1
; GENERAL INFORMATION:
; APPLICANT: Aerssens, Jeroen
; APPLICANT: Athanasiou, Maria
; APPLICANT: Brain, Carlos
; APPLICANT: Cohen, Nadine
; APPLICANT: Dain, Bradley
; APPLICANT: Denton, R. Rex
; APPLICANT: Judson, Richard S.
; APPLICANT: Ozdemir, Vural
; APPLICANT: Reed, Carol R.
; TITLE OF INVENTION: CHRNA9 Genetic Markers Associated with Progression of Alzheimer's
; FILE REFERENCE: 2300.0070001
; CURRENT APPLICATION NUMBER: US/10/993,516
; PRIOR FILING DATE: 2004-11-22
; PRIOR APPLICATION NUMBER: US 60/524,638
; NUMBER OF SEQ ID NOS: 51
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 14
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: ASO Reverse Primer for Detecting Alleles at PSS in Haplotypes
; OTHER INFORMATION: Comprising Preferred Embodiments of Progression Markers I and
; OTHER INFORMATION: Progression Markers II
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (14)-(14)
; OTHER INFORMATION: Y is 't' or 'c'
US-10-993-516-14

Query Match      20.0%; Score 2; DB 7; Length 15;
Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      3 RC 4
Db      8 RC 9
```

```
Db      14 RC 13

RESULT 103
US-10-972-764-3
; Sequence 3, Application US/10972764
; Publication No. US20050260613A1
; GENERAL INFORMATION:
; APPLICANT: Aerssens, Jeroen
; APPLICANT: Athanasiou, Maria
; APPLICANT: Brain, Carlos
; APPLICANT: Cohen, Nadine
; APPLICANT: Dain, Bradley
; APPLICANT: Denton, R. Rex
; APPLICANT: Judson, Richard S
; APPLICANT: Ozdemir, Vural
; APPLICANT: Reed, Carol R.
; TITLE OF INVENTION: LRPAP1 Genetic Markers Associated with Galantamine Response
; FILE REFERENCE: 2300.0040001
; CURRENT APPLICATION NUMBER: US/10/972,764
; CURRENT FILING DATE: 2004-10-26
; PRIOR APPLICATION NUMBER: 60/515,414
; PRIOR FILING DATE: 2003-10-28
; NUMBER OF SEQ ID NOS: 59
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 3
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial
; FEATURE:
; OTHER INFORMATION: ASO Probes for Detecting Alleles at PSS in Haplotypes Comprising
; OTHER INFORMATION: Preferred Embodiments of Response Markers I and Response Markers
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (8)-(8)
; OTHER INFORMATION: r is 'g' or 'a'
US-10-972-764-3

Query Match      20.0%; Score 2; DB 7; Length 15;
Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      3 RC 4
Db      8 RC 9

RESULT 104
US-10-972-764-3/c
; Sequence 3, Application US/10972764
; Publication No. US20050260613A1
; GENERAL INFORMATION:
; APPLICANT: Aerssens, Jeroen
; APPLICANT: Athanasiou, Maria
; APPLICANT: Brain, Carlos
; APPLICANT: Cohen, Nadine
; APPLICANT: Dain, Bradley
; APPLICANT: Denton, R. Rex
; APPLICANT: Judson, Richard S
; APPLICANT: Ozdemir, Vural
; APPLICANT: Reed, Carol R.
; TITLE OF INVENTION: LRPAP1 Genetic Markers Associated with Galantamine Response
; FILE REFERENCE: 2300.0040001
; CURRENT APPLICATION NUMBER: US/10/972,764
; CURRENT FILING DATE: 2004-10-26
; PRIOR APPLICATION NUMBER: 60/515,414
; PRIOR FILING DATE: 2003-10-28
; NUMBER OF SEQ ID NOS: 59
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 3
; LENGTH: 15
; TYPE: DNA
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; ORGANISM: Artificial
; FEATURE:
; OTHER INFORMATION: ASO Probes for Detecting Alleles at PSS in Haplotypes Comprising
; OTHER INFORMATION: Preferred Embodiments of Response Markers I and Response Markers
; OTHER INFORMATION: II
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (8)..(8)
; OTHER INFORMATION: r is 'g' or 'a'
US-10-972-764-3

Query Match 20.0%; Score 2; DB 7; Length 15;
Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 7 GY 8
||
Db 9 GY 8

RESULT 105
US-10-972-764-5
; Sequence 5, Application US/10972764
; Publication No. US20050260613A1
; GENERAL INFORMATION:
; APPLICANT: Aerssens, Jeroen
; APPLICANT: Athanasiou, Maria
; APPLICANT: Brain, Carlos
; APPLICANT: Cohen, Nadine
; APPLICANT: Dain, Bradley
; APPLICANT: Denton, R. Rex
; APPLICANT: Judson, Richard S
; APPLICANT: Ozdemir, Vural
; APPLICANT: Reed, Carol R.
; TITLE OF INVENTION: LRPAP1 Genetic Markers Associated with Galantamine Response
; FILE REFERENCE: 2300.0040001
; CURRENT APPLICATION NUMBER: US/10/972,764
; CURRENT FILING DATE: 2004-10-26
; PRIOR APPLICATION NUMBER: 60/515,414
; PRIOR FILING DATE: 2003-10-28
; NUMBER OF SEQ ID NOS: 59
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 5
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial
; FEATURE:
; OTHER INFORMATION: ASO Probes for Detecting Alleles at PSS in Haplotypes Comprising
; OTHER INFORMATION: Preferred Embodiments of Response Markers I and Response Markers
; OTHER INFORMATION: II
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (8)..(8)
; OTHER INFORMATION: y is 't' or 'c'
US-10-972-764-5

Query Match 20.0%; Score 2; DB 7; Length 15;
Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 7 GY 8
||
Db 7 GY 8

RESULT 106
US-10-972-764-5/c
; Sequence 5, Application US/10972764
; Publication No. US20050260613A1
; GENERAL INFORMATION:
; APPLICANT: Aerssens, Jeroen
; APPLICANT: Athanasiou, Maria
; APPLICANT: Brain, Carlos

; APPLICANT: Cohen, Nadine
; APPLICANT: Dain, Bradley
; APPLICANT: Denton, R. Rex
; APPLICANT: Judson, Richard S
; APPLICANT: Ozdemir, Vural
; APPLICANT: Reed, Carol R.
; TITLE OF INVENTION: LRPAP1 Genetic Markers Associated with Galantamine Response
; FILE REFERENCE: 2300.0040001
; CURRENT APPLICATION NUMBER: US/10/972,764
; CURRENT FILING DATE: 2004-10-26
; PRIOR APPLICATION NUMBER: 60/515,414
; PRIOR FILING DATE: 2003-10-28
; NUMBER OF SEQ ID NOS: 59
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 5
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial
; FEATURE:
; OTHER INFORMATION: ASO Probes for Detecting Alleles at PSS in Haplotypes Comprising
; OTHER INFORMATION: Preferred Embodiments of Response Markers I and Response Markers
; OTHER INFORMATION: II
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (8)..(8)
; OTHER INFORMATION: y is 't' or 'c'
US-10-972-764-5

Query Match 20.0%; Score 2; DB 7; Length 15;
Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 3 RC 4
||
Db 8 RC 7

RESULT 107
US-10-972-764-9
; Sequence 9, Application US/10972764
; Publication No. US20050260613A1
; GENERAL INFORMATION:
; APPLICANT: Aerssens, Jeroen
; APPLICANT: Athanasiou, Maria
; APPLICANT: Brain, Carlos
; APPLICANT: Cohen, Nadine
; APPLICANT: Dain, Bradley
; APPLICANT: Denton, R. Rex
; APPLICANT: Judson, Richard S
; APPLICANT: Ozdemir, Vural
; APPLICANT: Reed, Carol R.
; TITLE OF INVENTION: LRPAP1 Genetic Markers Associated with Galantamine Response
; FILE REFERENCE: 2300.0040001
; CURRENT APPLICATION NUMBER: US/10/972,764
; CURRENT FILING DATE: 2004-10-26
; PRIOR APPLICATION NUMBER: 60/515,414
; PRIOR FILING DATE: 2003-10-28
; NUMBER OF SEQ ID NOS: 59
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 9
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial
; FEATURE:
; OTHER INFORMATION: ASO Forward Primer for Detecting Alleles at PSS in Haplotypes
; OTHER INFORMATION: Comprising Preferred Embodiments of Response Markers I and
; OTHER INFORMATION: Response Markers II
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (14)..(14)
; OTHER INFORMATION: r is 'g' or 'a'
US-10-972-764-9

Query Match 20.0%; Score 2; DB 7; Length 15;
 Best Local Similarity 100.0%; Pred. No. 1.5e+03;
 Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 3 RC 4
 Db 14 RC 15

RESULT 108

US-10-972-764-9/c

; Sequence 9, Application US/10972764
 ; Publication No. US20050260613A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Aerssens, Jeroen
 ; APPLICANT: Athanasiou, Maria
 ; APPLICANT: Brain, Carlos
 ; APPLICANT: Cohen, Nadine
 ; APPLICANT: Dain, Bradley
 ; APPLICANT: Denton, R. Rex
 ; APPLICANT: Judson, Richard S
 ; APPLICANT: Ozdemir, Vural
 ; APPLICANT: Reed, Carol R.
 ; TITLE OF INVENTION: LRPAP1 Genetic Markers Associated with Galantamine Response
 ; FILE REFERENCE: 2300.0040001
 ; CURRENT APPLICATION NUMBER: US/10/972,764
 ; CURRENT FILING DATE: 2004-10-26
 ; PRIOR APPLICATION NUMBER: 60/515,414
 ; PRIOR FILING DATE: 2003-10-28
 ; NUMBER OF SEQ ID NOS: 59
 ; SOFTWARE: PatentIn version 3.3
 ; SEQ ID NO 9
 ; LENGTH: 15
 ; TYPE: DNA
 ; ORGANISM: Artificial
 ; FEATURE:
 ; OTHER INFORMATION: ASO Forward Primer for Detecting Alleles at PSs in Haplotypes
 ; OTHER INFORMATION: Comprising Preferred Embodiments of Response Markers I and
 ; OTHER INFORMATION: Response Markers II
 ; FEATURE:
 ; NAME/KEY: misc feature
 ; LOCATION: (14)..(14)
 ; OTHER INFORMATION: x is 'g' or 'a'
 ; FILE REFERENCE: 2300.0040001
 ; CURRENT APPLICATION NUMBER: US/10/972,764
 ; CURRENT FILING DATE: 2004-10-26
 ; PRIOR APPLICATION NUMBER: 60/515,414
 ; PRIOR FILING DATE: 2003-10-28
 ; NUMBER OF SEQ ID NOS: 59
 ; SOFTWARE: PatentIn version 3.3
 ; SEQ ID NO 9
 ; LENGTH: 15
 ; TYPE: DNA
 ; ORGANISM: Artificial
 ; FEATURE:
 ; OTHER INFORMATION: ASO Forward Primer for Detecting Alleles at PSs in Haplotypes
 ; OTHER INFORMATION: Comprising Preferred Embodiments of Response Markers I and
 ; OTHER INFORMATION: Response Markers II
 ; FEATURE:
 ; NAME/KEY: misc feature
 ; LOCATION: (14)..(14)
 ; OTHER INFORMATION: x is 'g' or 'a'

Query Match 20.0%; Score 2; DB 7; Length 15;
 Best Local Similarity 100.0%; Pred. No. 1.5e+03;
 Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 7 GY 8
 Db 15 GY 14

RESULT 109

US-10-972-764-11

; Sequence 11, Application US/10972764
 ; Publication No. US20050260613A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Aerssens, Jeroen
 ; APPLICANT: Athanasiou, Maria
 ; APPLICANT: Brain, Carlos
 ; APPLICANT: Cohen, Nadine
 ; APPLICANT: Dain, Bradley
 ; APPLICANT: Denton, R. Rex
 ; APPLICANT: Judson, Richard S
 ; APPLICANT: Ozdemir, Vural
 ; APPLICANT: Reed, Carol R.
 ; TITLE OF INVENTION: LRPAP1 Genetic Markers Associated with Galantamine Response
 ; FILE REFERENCE: 2300.0040001
 ; CURRENT APPLICATION NUMBER: US/10/972,764
 ; CURRENT FILING DATE: 2004-10-26
 ; PRIOR APPLICATION NUMBER: 60/515,414

; PRIOR FILING DATE: 2003-10-28
 ; NUMBER OF SEQ ID NOS: 59
 ; SOFTWARE: PatentIn version 3.3
 ; SEQ ID NO 11
 ; LENGTH: 15
 ; TYPE: DNA
 ; ORGANISM: Artificial
 ; FEATURE:
 ; OTHER INFORMATION: ASO Forward Primer for Detecting Alleles at PSs in Haplotypes
 ; OTHER INFORMATION: Comprising Preferred Embodiments of Response Markers I and
 ; OTHER INFORMATION: Response Markers II
 ; FEATURE:
 ; NAME/KEY: misc feature
 ; LOCATION: (14)..(14)
 ; OTHER INFORMATION: y is 't' or 'c'

US-10-972-764-11

Query Match 20.0%; Score 2; DB 7; Length 15;
 Best Local Similarity 100.0%; Pred. No. 1.5e+03;
 Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 7 GY 8
 Db 13 GY 14

RESULT 110

US-10-972-764-11/c

; Sequence 11, Application US/10972764
 ; Publication No. US20050260613A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Aerssens, Jeroen
 ; APPLICANT: Athanasiou, Maria
 ; APPLICANT: Brain, Carlos
 ; APPLICANT: Cohen, Nadine
 ; APPLICANT: Dain, Bradley
 ; APPLICANT: Denton, R. Rex
 ; APPLICANT: Judson, Richard S
 ; APPLICANT: Ozdemir, Vural
 ; APPLICANT: Reed, Carol R.
 ; TITLE OF INVENTION: LRPAP1 Genetic Markers Associated with Galantamine Response
 ; FILE REFERENCE: 2300.0040001
 ; CURRENT APPLICATION NUMBER: US/10/972,764
 ; CURRENT FILING DATE: 2004-10-26
 ; PRIOR APPLICATION NUMBER: 60/515,414
 ; PRIOR FILING DATE: 2003-10-28
 ; NUMBER OF SEQ ID NOS: 59
 ; SOFTWARE: PatentIn version 3.3
 ; SEQ ID NO 11
 ; LENGTH: 15
 ; TYPE: DNA
 ; ORGANISM: Artificial
 ; FEATURE:
 ; OTHER INFORMATION: ASO Forward Primer for Detecting Alleles at PSs in Haplotypes
 ; OTHER INFORMATION: Comprising Preferred Embodiments of Response Markers I and
 ; OTHER INFORMATION: Response Markers II
 ; FEATURE:
 ; NAME/KEY: misc feature
 ; LOCATION: (14)..(14)
 ; OTHER INFORMATION: y is 't' or 'c'

US-10-972-764-11

Query Match 20.0%; Score 2; DB 7; Length 15;
 Best Local Similarity 100.0%; Pred. No. 1.5e+03;
 Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 3 RC 4
 Db 14 RC 13

RESULT 111

US-10-972-764-15

```
; Sequence 15, Application US/10972764
; Publication No. US20050260613A1
; GENERAL INFORMATION:
; APPLICANT: Aerssens, Jeroen
; APPLICANT: Athanasidou, Maria
; APPLICANT: Brain, Carlos
; APPLICANT: Cohen, Nadine
; APPLICANT: Dain, Bradley
; APPLICANT: Denton, R. Rex
; APPLICANT: Judson, Richard S
; APPLICANT: Ozdemir, Vural
; APPLICANT: Reed, Carol R.
; TITLE OF INVENTION: LRPAP1 Genetic Markers Associated with Galantamine Response
; FILE REFERENCE: 2300.0040001
; CURRENT APPLICATION NUMBER: US/10/972,764
; CURRENT FILING DATE: 2004-10-26
; PRIOR APPLICATION NUMBER: 60/515,414
; PRIOR FILING DATE: 2003-10-28
; NUMBER OF SEQ ID NOS: 59
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 15
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial
; FEATURE:
; OTHER INFORMATION: ASO Reverse Primer for Detecting Alleles at PSS in Haplotypes
; OTHER INFORMATION: Comprising Preferred Embodiments of Response Markers I and
; OTHER INFORMATION: Response Markers II
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (14)-(14)
; OTHER INFORMATION: Y is 't' or 'c'
US-10-972-764-15

Query Match      20.0%; Score 2; DB 7; Length 15;
Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      7 GY 8
      ||
Db      13 GY 14

RESULT 112
US-10-972-764-15/c
; Sequence 15, Application US/10972764
; Publication No. US20050260613A1
; GENERAL INFORMATION:
; APPLICANT: Aerssens, Jeroen
; APPLICANT: Athanasidou, Maria
; APPLICANT: Brain, Carlos
; APPLICANT: Cohen, Nadine
; APPLICANT: Dain, Bradley
; APPLICANT: Denton, R. Rex
; APPLICANT: Judson, Richard S
; APPLICANT: Ozdemir, Vural
; APPLICANT: Reed, Carol R.
; TITLE OF INVENTION: LRPAP1 Genetic Markers Associated with Galantamine Response
; FILE REFERENCE: 2300.0040001
; CURRENT APPLICATION NUMBER: US/10/972,764
; CURRENT FILING DATE: 2004-10-26
; PRIOR APPLICATION NUMBER: 60/515,414
; PRIOR FILING DATE: 2003-10-28
; NUMBER OF SEQ ID NOS: 59
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 15
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial
; FEATURE:
; OTHER INFORMATION: ASO Reverse Primer for Detecting Alleles at PSS in Haplotypes
; OTHER INFORMATION: Comprising Preferred Embodiments of Response Markers I and
; OTHER INFORMATION: Response Markers II
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (14)-(14)
; OTHER INFORMATION: Y is 't' or 'c'
US-10-972-764-15

Query Match      20.0%; Score 2; DB 7; Length 15;
Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      7 GY 8
      ||
Db      13 GY 14

RESULT 113
US-10-972-764-17/c
; Sequence 17, Application US/10972764
; Publication No. US20050260613A1
; GENERAL INFORMATION:
; APPLICANT: Aerssens, Jeroen
; APPLICANT: Athanasidou, Maria
; APPLICANT: Brain, Carlos
; APPLICANT: Cohen, Nadine
; APPLICANT: Dain, Bradley
; APPLICANT: Denton, R. Rex
; APPLICANT: Judson, Richard S
; APPLICANT: Ozdemir, Vural
; APPLICANT: Reed, Carol R.
; TITLE OF INVENTION: LRPAP1 Genetic Markers Associated with Galantamine Response
; FILE REFERENCE: 2300.0040001
; CURRENT APPLICATION NUMBER: US/10/972,764
; CURRENT FILING DATE: 2004-10-26
; PRIOR APPLICATION NUMBER: 60/515,414
; PRIOR FILING DATE: 2003-10-28
; NUMBER OF SEQ ID NOS: 59
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 17
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial
; FEATURE:
; OTHER INFORMATION: ASO Reverse Primer for Detecting Alleles at PSS in Haplotypes
; OTHER INFORMATION: Comprising Preferred Embodiments of Response Markers I and
; OTHER INFORMATION: Response Markers II
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (14)-(14)
; OTHER INFORMATION: r is 'g' or 'a'
US-10-972-764-17

Query Match      20.0%; Score 2; DB 7; Length 15;
Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      3 RC 4
      ||
Db      14 RC 15

RESULT 114
US-10-972-764-17/c
; Sequence 17, Application US/10972764
; Publication No. US20050260613A1
; GENERAL INFORMATION:
; APPLICANT: Aerssens, Jeroen
; APPLICANT: Athanasidou, Maria
; APPLICANT: Brain, Carlos
; APPLICANT: Cohen, Nadine
; APPLICANT: Dain, Bradley
; APPLICANT: Denton, R. Rex
; APPLICANT: Judson, Richard S
; APPLICANT: Ozdemir, Vural
```

```
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (14)-(14)
; OTHER INFORMATION: Y is 't' or 'c'
US-10-972-764-15

Query Match      20.0%; Score 2; DB 7; Length 15;
Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      3 RC 4
      ||
Db      14 RC 13

RESULT 113
US-10-972-764-17
; Sequence 17, Application US/10972764
; Publication No. US20050260613A1
; GENERAL INFORMATION:
; APPLICANT: Aerssens, Jeroen
; APPLICANT: Athanasidou, Maria
; APPLICANT: Brain, Carlos
; APPLICANT: Cohen, Nadine
; APPLICANT: Dain, Bradley
; APPLICANT: Denton, R. Rex
; APPLICANT: Judson, Richard S
; APPLICANT: Ozdemir, Vural
; APPLICANT: Reed, Carol R.
; TITLE OF INVENTION: LRPAP1 Genetic Markers Associated with Galantamine Response
; FILE REFERENCE: 2300.0040001
; CURRENT APPLICATION NUMBER: US/10/972,764
; CURRENT FILING DATE: 2004-10-26
; PRIOR APPLICATION NUMBER: 60/515,414
; PRIOR FILING DATE: 2003-10-28
; NUMBER OF SEQ ID NOS: 59
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 17
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial
; FEATURE:
; OTHER INFORMATION: ASO Reverse Primer for Detecting Alleles at PSS in Haplotypes
; OTHER INFORMATION: Comprising Preferred Embodiments of Response Markers I and
; OTHER INFORMATION: Response Markers II
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (14)-(14)
; OTHER INFORMATION: r is 'g' or 'a'
US-10-972-764-17

Query Match      20.0%; Score 2; DB 7; Length 15;
Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      3 RC 4
      ||
Db      14 RC 15

RESULT 114
US-10-972-764-17/c
; Sequence 17, Application US/10972764
; Publication No. US20050260613A1
; GENERAL INFORMATION:
; APPLICANT: Aerssens, Jeroen
; APPLICANT: Athanasidou, Maria
; APPLICANT: Brain, Carlos
; APPLICANT: Cohen, Nadine
; APPLICANT: Dain, Bradley
; APPLICANT: Denton, R. Rex
; APPLICANT: Judson, Richard S
; APPLICANT: Ozdemir, Vural
```

```

; APPLICANT: Reed, Carol R.
; TITLE OF INVENTION: LRPA1 Genetic Markers Associated with Galantamine Response
; FILE REFERENCE: 2300.0040001
; CURRENT APPLICATION NUMBER: US/10/972,764
; CURRENT FILING DATE: 2004-10-26
; PRIOR APPLICATION NUMBER: 60/515,414
; PRIOR FILING DATE: 2003-10-28
; NUMBER OF SEQ ID NOS: 59
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 17
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial
; FEATURE:
; OTHER INFORMATION: ASO Reverse Primer for Detecting Alleles at PSs in Haplotypes
; OTHER INFORMATION: Comprising Preferred Embodiments of Response Markers I and
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (14)..(14)
; OTHER INFORMATION: r is 'g' or 'a'
US-10-972-764-17

Query Match      20.0%; Score 2; DB 7; Length 15;
Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      7 GY 8
DB      15 GY 14

RESULT 115
US-10-880-238-194
; Sequence 194, Application US/10880238
; Publication No. US20050287538A1
; GENERAL INFORMATION:
; APPLICANT: Cheung, Man
; APPLICANT: Cheung, Wing-Tai
; TITLE OF INVENTION: FRAME-SHIFTING PCR FOR GERMLINE
; FILE REFERENCE: 17329-003001
; CURRENT APPLICATION NUMBER: US/10/880,238
; CURRENT FILING DATE: 2004-06-29
; NUMBER OF SEQ ID NOS: 214
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 194
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Primer
US-10-880-238-194

Query Match      20.0%; Score 2; DB 7; Length 15;
Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      6 WG 7
DB      8 WG 9

RESULT 116
US-10-880-238-194/c
; Sequence 194, Application US/10880238
; Publication No. US20050287538A1
; GENERAL INFORMATION:
; APPLICANT: Cheung, Man
; APPLICANT: Cheung, Wing-Tai
; TITLE OF INVENTION: FRAME-SHIFTING PCR FOR GERMLINE
; FILE REFERENCE: 17329-003001
; CURRENT APPLICATION NUMBER: US/10/880,238
; CURRENT FILING DATE: 2004-06-29
; NUMBER OF SEQ ID NOS: 214
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 204
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Primer
US-10-880-238-204

Query Match      20.0%; Score 2; DB 7; Length 15;
Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      8 YY 9
DB      10 YY 11

RESULT 117
US-10-880-238-204
; Sequence 204, Application US/10880238
; Publication No. US20050287538A1
; GENERAL INFORMATION:
; APPLICANT: Cheung, Man
; APPLICANT: Cheung, Wing-Tai
; TITLE OF INVENTION: FRAME-SHIFTING PCR FOR GERMLINE
; FILE REFERENCE: 17329-003001
; CURRENT APPLICATION NUMBER: US/10/880,238
; CURRENT FILING DATE: 2004-06-29
; NUMBER OF SEQ ID NOS: 214
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 204
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Primer
US-10-880-238-204

Query Match      20.0%; Score 2; DB 7; Length 15;
Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      4 CW 5
DB      15 CW 14

RESULT 118
US-10-880-238-204/c
; Sequence 204, Application US/10880238
; Publication No. US20050287538A1
; GENERAL INFORMATION:
; APPLICANT: Cheung, Man
; APPLICANT: Cheung, Wing-Tai
; TITLE OF INVENTION: FRAME-SHIFTING PCR FOR GERMLINE
; FILE REFERENCE: 17329-003001
; CURRENT APPLICATION NUMBER: US/10/880,238
; CURRENT FILING DATE: 2004-06-29
; NUMBER OF SEQ ID NOS: 214
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 204
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Primer
US-10-880-238-204

```

Query Match 20.0%; Score 2; DB 7; Length 15;
Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 RC 2
||
Db 11 RC 10

RESULT 119

US-11-005-030-2
; Sequence 2, Application US/11005030
; Publication No. US20050255495A1
; GENERAL INFORMATION:
; APPLICANT: Aerssens, Jeroen
; APPLICANT: Athanasios, Maria
; APPLICANT: Brain, Carlos
; APPLICANT: Cohen, Nadine
; APPLICANT: Dain, Bradley
; APPLICANT: Denton, R. Rex
; APPLICANT: Judson, Richard S.
; APPLICANT: Ozdemir, Vural
; APPLICANT: Reed, Carol R.
; TITLE OF INVENTION: SLC5A7 Genetic Markers Associated with Age of Onset of
; FILE REFERENCE: 2300.0090001
; CURRENT APPLICATION NUMBER: US/11/005,030
; CURRENT FILING DATE: 2004-12-07
; PRIOR APPLICATION NUMBER: US 60/529,999
; PRIOR FILING DATE: 2003-12-15
; NUMBER OF SEQ ID NOS: 53
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 2
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: ASO Probe for Detecting Alleles at PSS in Haplotypes Comprising

Query Match 20.0%; Score 2; DB 8; Length 15;
Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 7 CY 8
||
Db 9 CY 8

RESULT 121

US-11-005-030-8
; Sequence 8, Application US/11005030
; Publication No. US20050255495A1
; GENERAL INFORMATION:
; APPLICANT: Aerssens, Jeroen
; APPLICANT: Athanasios, Maria
; APPLICANT: Brain, Carlos
; APPLICANT: Cohen, Nadine
; APPLICANT: Dain, Bradley
; APPLICANT: Denton, R. Rex
; APPLICANT: Judson, Richard S.
; APPLICANT: Ozdemir, Vural
; APPLICANT: Reed, Carol R.
; TITLE OF INVENTION: SLC5A7 Genetic Markers Associated with Age of Onset of
; FILE REFERENCE: 2300.0090001
; CURRENT APPLICATION NUMBER: US/11/005,030
; CURRENT FILING DATE: 2004-12-07
; PRIOR APPLICATION NUMBER: US 60/529,999
; PRIOR FILING DATE: 2003-12-15
; NUMBER OF SEQ ID NOS: 53
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 8
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: ASO Forward Primer for Detecting Alleles at PSS in Haplotypes

Comprising Preferred Embodiments of Age of Onset Markers I and II

Query Match 20.0%; Score 2; DB 8; Length 15;
Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 3 RC 4
||
Db 8 RC 9

RESULT 120

US-11-005-030-2/c
; Sequence 2, Application US/11005030
; Publication No. US20050255495A1
; GENERAL INFORMATION:
; APPLICANT: Aerssens, Jeroen
; APPLICANT: Athanasios, Maria
; APPLICANT: Brain, Carlos
; APPLICANT: Cohen, Nadine
; APPLICANT: Dain, Bradley
; APPLICANT: Denton, R. Rex
; APPLICANT: Judson, Richard S.
; APPLICANT: Ozdemir, Vural
; APPLICANT: Reed, Carol R.
; TITLE OF INVENTION: SLC5A7 Genetic Markers Associated with Age of Onset of
; FILE REFERENCE: 2300.0090001
; CURRENT APPLICATION NUMBER: US/11/005,030

Query Match 20.0%; Score 2; DB 8; Length 15;
Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 3 RC 4
||
Db 14 RC 15

RESULT 122

US-11-005-030-8/c
; Sequence 8, Application US/11005030
; Publication No. US20050255495A1
; GENERAL INFORMATION:
; APPLICANT: Aerssens, Jeroen
; APPLICANT: Athanasiou, Maria
; APPLICANT: Brain, Carlos
; APPLICANT: Cohen, Nadine
; APPLICANT: Dain, Bradley
; APPLICANT: Denton, R. Rex
; APPLICANT: Judson, Richard S.
; APPLICANT: Ozdemir, Vural
; APPLICANT: Reed, Carol R.
; TITLE OF INVENTION: SLC5A7 Genetic Markers Associated with Age of Onset of
; FILE OF INVENTION: Alzheimer's Disease
; FILE REFERENCE: 2300.0090001
; CURRENT APPLICATION NUMBER: US/11/005,030
; CURRENT FILING DATE: 2004-12-07
; PRIOR APPLICATION NUMBER: US 60/529,999
; PRIOR FILING DATE: 2003-12-15
; NUMBER OF SEQ ID NOS: 53
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 8
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: ASO Forward Primer for Detecting Alleles at PSs in Haplotypes
; OTHER INFORMATION: Comprising Preferred Embodiments of Age of Onset Markers I and II
; FEATURE:
; NAME/KEY: misc.feature
; LOCATION: (14)..(14)
; OTHER INFORMATION: r is 'g' or 'a'
US-11-005-030-8

Query Match 20.0%; Score 2; DB 8; Length 15;
Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 7 GY 8
DB 15 GY 14

RESULT 123
US-11-005-030-14
; Sequence 14, Application US/11005030
; Publication No. US20050255495A1
; GENERAL INFORMATION:
; APPLICANT: Aerssens, Jeroen
; APPLICANT: Athanasiou, Maria
; APPLICANT: Brain, Carlos
; APPLICANT: Cohen, Nadine
; APPLICANT: Dain, Bradley
; APPLICANT: Denton, R. Rex
; APPLICANT: Judson, Richard S.
; APPLICANT: Ozdemir, Vural
; APPLICANT: Reed, Carol R.
; TITLE OF INVENTION: SLC5A7 Genetic Markers Associated with Age of Onset of
; FILE OF INVENTION: Alzheimer's Disease
; FILE REFERENCE: 2300.0090001
; CURRENT APPLICATION NUMBER: US/11/005,030
; CURRENT FILING DATE: 2004-12-07
; PRIOR APPLICATION NUMBER: US 60/529,999
; PRIOR FILING DATE: 2003-12-15
; NUMBER OF SEQ ID NOS: 53
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 14
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: ASO Reverse Primer for Detecting Alleles at PSs in Haplotypes

; OTHER INFORMATION: Comprising Preferred Embodiments of Age of Onset Markers I and II
; FEATURE:
; NAME/KEY: misc.feature
; LOCATION: (14)..(14)
; OTHER INFORMATION: y is 't' or 'c'
US-11-005-030-14

Query Match 20.0%; Score 2; DB 8; Length 15;
Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 7 GY 8
DB 13 GY 14

RESULT 124
US-11-005-030-14/c
; Sequence 14, Application US/11005030
; Publication No. US20050255495A1
; GENERAL INFORMATION:
; APPLICANT: Aerssens, Jeroen
; APPLICANT: Athanasiou, Maria
; APPLICANT: Brain, Carlos
; APPLICANT: Cohen, Nadine
; APPLICANT: Dain, Bradley
; APPLICANT: Denton, R. Rex
; APPLICANT: Judson, Richard S.
; APPLICANT: Ozdemir, Vural
; APPLICANT: Reed, Carol R.
; TITLE OF INVENTION: SLC5A7 Genetic Markers Associated with Age of Onset of
; FILE OF INVENTION: Alzheimer's Disease
; FILE REFERENCE: 2300.0090001
; CURRENT APPLICATION NUMBER: US/11/005,030
; CURRENT FILING DATE: 2004-12-07
; PRIOR APPLICATION NUMBER: US 60/529,999
; PRIOR FILING DATE: 2003-12-15
; NUMBER OF SEQ ID NOS: 53
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 14
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: ASO Reverse Primer for Detecting Alleles at PSs in Haplotypes
; OTHER INFORMATION: Comprising Preferred Embodiments of Age of Onset Markers I and II
; FEATURE:
; NAME/KEY: misc.feature
; LOCATION: (14)..(14)
; OTHER INFORMATION: y is 't' or 'c'
US-11-005-030-14

Query Match 20.0%; Score 2; DB 8; Length 15;
Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 3 RC 4
DB 14 RC 13

RESULT 125
US-11-035-105-2
; Sequence 2, Application US/11035105
; Publication No. US20050255498A1
; GENERAL INFORMATION:
; APPLICANT: Aerssens, Jeroen
; APPLICANT: Athanasiou, Maria
; APPLICANT: Brain, Carlos
; APPLICANT: Cohen, Nadine
; APPLICANT: Dain, Bradley
; APPLICANT: Denton, R. Rex
; APPLICANT: Judson, Richard S.


```

; SEQ ID NO 11
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial
; FEATURE:
; OTHER INFORMATION: ASO Forward Primer for Detecting Alleles at PSs in Haplotypes
; OTHER INFORMATION: Comprising Preferred Embodiments of Age of Onset Markers I and II
; FEATURE:
; NAME/KEY: misc.feature
; LOCATION: (14)..(14)
; OTHER INFORMATION: w is 'a' or 't/u'
US-11-035-105-11

Query Match      20.0%; Score 2; DB 8; Length 15;
Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      6 WG 7
Db      14 WG 13

RESULT 129
US-11-035-105-20
; Sequence 20, Application US/11035105
; Publication No. US20050255498A1
; GENERAL INFORMATION:
; APPLICANT: Aerssens, Jeroen
; APPLICANT: Athanasiou, Maria
; APPLICANT: Brain, Carlos
; APPLICANT: Cohen, Nadine
; APPLICANT: Dain, Bradley
; APPLICANT: Denton, R. Rex
; APPLICANT: Judson, Richard S.
; APPLICANT: Ozdemir, Vural
; APPLICANT: Reed, Carol R.
; TITLE OF INVENTION: APOC1 Genetic Markers Associated with Age of Onset of Alzheimer's
; FILE REFERENCE: 2300.0120001
; CURRENT FILING DATE: 2005-01-14
; PRIOR APPLICATION NUMBER: US 60/538,606
; PRIOR FILING DATE: 2004-01-22
; NUMBER OF SEQ ID NOS: 50
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 20
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial
; FEATURE:
; OTHER INFORMATION: ASO Reverse Primer for Detecting Alleles at PSs in Haplotypes
; OTHER INFORMATION: Comprising Preferred Embodiments of Age of Onset Markers I and II
; FEATURE:
; NAME/KEY: misc.feature
; LOCATION: (14)..(14)
; OTHER INFORMATION: w is 'a' or 't/u'
US-11-035-105-20

Query Match      20.0%; Score 2; DB 8; Length 15;
Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      6 WG 7
Db      14 WG 13

RESULT 130
US-11-035-105-20/c
; Sequence 20, Application US/11035105
; Publication No. US20050255498A1
; GENERAL INFORMATION:
; APPLICANT: Aerssens, Jeroen

```

```

; APPLICANT: Athanasiou, Maria
; APPLICANT: Brain, Carlos
; APPLICANT: Cohen, Nadine
; APPLICANT: Dain, Bradley
; APPLICANT: Denton, R. Rex
; APPLICANT: Judson, Richard S.
; APPLICANT: Ozdemir, Vural
; APPLICANT: Reed, Carol R.
; TITLE OF INVENTION: APOC1 Genetic Markers Associated with Age of Onset of Alzheimer's
; FILE REFERENCE: 2300.0120001
; CURRENT FILING DATE: 2005-01-14
; PRIOR APPLICATION NUMBER: US 60/538,606
; PRIOR FILING DATE: 2004-01-22
; NUMBER OF SEQ ID NOS: 50
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 20
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial
; FEATURE:
; OTHER INFORMATION: ASO Reverse Primer for Detecting Alleles at PSs in Haplotypes
; OTHER INFORMATION: Comprising Preferred Embodiments of Age of Onset Markers I and II
; FEATURE:
; NAME/KEY: misc.feature
; LOCATION: (14)..(14)
; OTHER INFORMATION: w is 'a' or 't/u'
US-11-035-105-20

Query Match      20.0%; Score 2; DB 8; Length 15;
Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      4 CW 5
Db      15 CW 14

RESULT 131
US-11-034-771-4
; Sequence 4, Application US/11034771
; Publication No. US20050277129A1
; GENERAL INFORMATION:
; APPLICANT: Aerssens, Jeroen
; APPLICANT: Athanasiou, Maria
; APPLICANT: Brain, Carlos
; APPLICANT: Cohen, Nadine
; APPLICANT: Dain, Bradley
; APPLICANT: Denton, R. Rex
; APPLICANT: Judson, Richard S.
; APPLICANT: Ozdemir, Vural
; APPLICANT: Reed, Carol R.
; TITLE OF INVENTION: APOE Genetic Markers Associated with Age of Onset of Alzheimer's
; FILE REFERENCE: 2300.0130001
; CURRENT FILING DATE: 2005-01-14
; PRIOR APPLICATION NUMBER: US 60/538,590
; PRIOR FILING DATE: 2004-01-22
; NUMBER OF SEQ ID NOS: 42
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 4
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial
; FEATURE:
; OTHER INFORMATION: ASO Probe for Detecting Alleles at PSs in Haplotypes Comprising
; OTHER INFORMATION: Preferred Embodiments of Age of Onset Markers I and II
; FEATURE:
; NAME/KEY: misc.feature
; LOCATION: (8)..(8)
; OTHER INFORMATION: r is 'g' or 'a'

```

US-11-034-771-4

Query Match 20.0%; Score 2; DB 8; Length 15;
Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 2; Conservative 0; Mismatches 0; Indels 0;

Qy 3 RC 4
||
Db 8 RC 9

RESULT 132

US-11-034-771-4/c
; Sequence 4, Application US/11034771
; Publication No. US20050277129A1
; GENERAL INFORMATION:
; APPLICANT: Aerssens, Jeroen
; APPLICANT: Athanasiou, Maria
; APPLICANT: Brain, Carlos
; APPLICANT: Cohen, Nadine
; APPLICANT: Dain, Bradley
; APPLICANT: Denton, R. Rex
; APPLICANT: Judson, Richard S.
; APPLICANT: Ozdemir, Vural
; APPLICANT: Reed, Carol R.
; TITLE OF INVENTION: APOE Genetic Markers Associated with Age of Onset of Alzheimer's
; FILE REFERENCE: 2300.0130001
; CURRENT APPLICATION NUMBER: US/11/034,771
; CURRENT FILING DATE: 2005-01-14
; PRIOR APPLICATION NUMBER: US 60/538,590
; PRIOR FILING DATE: 2004-01-22
; NUMBER OF SEQ ID NOS: 42
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 4
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial
; FEATURE:
; OTHER INFORMATION: ASO Probe for Detecting Alleles at PSS in Haplotypes Comprising
; OTHER INFORMATION: Preferred Embodiments of Age of Onset Markers I and II
; NAME/KEY: misc feature
; LOCATION: (8)..(8)
; OTHER INFORMATION: r is 'g' or 'a'
US-11-034-771-4

Query Match 20.0%; Score 2; DB 8; Length 15;
Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 2; Conservative 0; Mismatches 0; Indels 0;

Qy 7 GY 8
||
Db 9 GY 8

RESULT 133

US-11-034-771-5
; Sequence 5, Application US/11034771
; Publication No. US20050277129A1
; GENERAL INFORMATION:
; APPLICANT: Aerssens, Jeroen
; APPLICANT: Athanasiou, Maria
; APPLICANT: Brain, Carlos
; APPLICANT: Cohen, Nadine
; APPLICANT: Dain, Bradley
; APPLICANT: Denton, R. Rex
; APPLICANT: Judson, Richard S.
; APPLICANT: Ozdemir, Vural
; APPLICANT: Reed, Carol R.
; TITLE OF INVENTION: APOE Genetic Markers Associated with Age of Onset of Alzheimer's
; FILE REFERENCE: 2300.0130001

; CURRENT APPLICATION NUMBER: US/11/034,771

; CURRENT FILING DATE: 2005-01-14

; PRIOR APPLICATION NUMBER: US 60/538,590

; PRIOR FILING DATE: 2004-01-22

; NUMBER OF SEQ ID NOS: 42

; SOFTWARE: PatentIn version 3.3

; SEQ ID NO 5

; LENGTH: 15

; TYPE: DNA

; ORGANISM: Artificial

; FEATURE:

; OTHER INFORMATION: ASO Probe for Detecting Alleles at PSS in Haplotypes Comprising

; OTHER INFORMATION: Preferred Embodiments of Age of Onset Markers I and II

; FEATURE:

; NAME/KEY: misc feature

; LOCATION: (8)..(8)

; OTHER INFORMATION: y is 't' or 'c'

US-11-034-771-5

Query Match 20.0%; Score 2; DB 8; Length 15;

Best Local Similarity 100.0%; Pred. No. 1.5e+03;

Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 7 GY 8

||

Db 7 GY 8

RESULT 134

US-11-034-771-5/c
; Sequence 5, Application US/11034771
; Publication No. US20050277129A1
; GENERAL INFORMATION:
; APPLICANT: Aerssens, Jeroen
; APPLICANT: Athanasiou, Maria
; APPLICANT: Brain, Carlos
; APPLICANT: Cohen, Nadine
; APPLICANT: Dain, Bradley
; APPLICANT: Denton, R. Rex
; APPLICANT: Judson, Richard S.
; APPLICANT: Ozdemir, Vural
; APPLICANT: Reed, Carol R.
; TITLE OF INVENTION: APOE Genetic Markers Associated with Age of Onset of Alzheimer's
; FILE REFERENCE: 2300.0130001
; CURRENT APPLICATION NUMBER: US/11/034,771
; CURRENT FILING DATE: 2005-01-14
; PRIOR APPLICATION NUMBER: US 60/538,590
; PRIOR FILING DATE: 2004-01-22
; NUMBER OF SEQ ID NOS: 42
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 5
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial
; FEATURE:
; OTHER INFORMATION: ASO Probe for Detecting Alleles at PSS in Haplotypes Comprising
; OTHER INFORMATION: Preferred Embodiments of Age of Onset Markers I and II
; NAME/KEY: misc feature
; LOCATION: (8)..(8)
; OTHER INFORMATION: y is 't' or 'c'
US-11-034-771-5

Query Match 20.0%; Score 2; DB 8; Length 15;

Best Local Similarity 100.0%; Pred. No. 1.5e+03;

Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 3 RC 4

||

Db 8 RC 7

RESULT 135
US-11-034-771-6
; Sequence 6, Application US/11034771
; Publication No. US20050277129A1
; GENERAL INFORMATION:
; APPLICANT: Aerssens, Jeroen
; APPLICANT: Athanasidou, Maria
; APPLICANT: Brain, Carlos
; APPLICANT: Cohen, Nadine
; APPLICANT: Dain, Bradley
; APPLICANT: Denton, R. Rex
; APPLICANT: Judson, Richard S.
; APPLICANT: Ozdemir, Vural
; APPLICANT: Reed, Carol R.
; TITLE OF INVENTION: APOE Genetic Markers Associated with Age of Onset of Alzheimer's
; TITLE OF INVENTION: Disease
; FILE REFERENCE: 2300.0130001
; CURRENT APPLICATION NUMBER: US/11/034,771
; PRIOR APPLICATION NUMBER: US 60/538,590
; PRIOR FILING DATE: 2004-01-22
; NUMBER OF SEQ ID NOS: 42
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 6
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial
; FEATURE:
; OTHER INFORMATION: ASO Probe for Detecting Alleles at PSs in Haplotypes Comprising
; OTHER INFORMATION: Preferred Embodiments of Age of Onset Markers I and II
; FEATURE:
; NAME/KEY: misc.feature
; LOCATION: (8)..(8)
; OTHER INFORMATION: y is 't' or 'c'
US-11-034-771-6
Query Match 20.0%; Score 2; DB 8; Length 15;
Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 7 GY 8
DB 7 GY 8
RESULT 136
US-11-034-771-6/c
; Sequence 6, Application US/11034771
; Publication No. US20050277129A1
; GENERAL INFORMATION:
; APPLICANT: Aerssens, Jeroen
; APPLICANT: Athanasidou, Maria
; APPLICANT: Brain, Carlos
; APPLICANT: Cohen, Nadine
; APPLICANT: Dain, Bradley
; APPLICANT: Denton, R. Rex
; APPLICANT: Judson, Richard S.
; APPLICANT: Ozdemir, Vural
; APPLICANT: Reed, Carol R.
; TITLE OF INVENTION: APOE Genetic Markers Associated with Age of Onset of Alzheimer's
; TITLE OF INVENTION: Disease
; FILE REFERENCE: 2300.0130001
; CURRENT APPLICATION NUMBER: US/11/034,771
; PRIOR APPLICATION NUMBER: US 60/538,590
; PRIOR FILING DATE: 2004-01-22
; NUMBER OF SEQ ID NOS: 42
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 6
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial
; FEATURE:
; OTHER INFORMATION: ASO Probe for Detecting Alleles at PSs in Haplotypes Comprising
; OTHER INFORMATION: Preferred Embodiments of Age of Onset Markers I and II
; FEATURE:
; NAME/KEY: misc.feature
; LOCATION: (8)..(8)
; OTHER INFORMATION: y is 't' or 'c'
US-11-034-771-6
Query Match 20.0%; Score 2; DB 8; Length 15;
Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 7 GY 8
DB 7 GY 8

RESULT 137
US-11-034-771-9
; Sequence 9, Application US/11034771
; Publication No. US20050277129A1
; GENERAL INFORMATION:
; APPLICANT: Aerssens, Jeroen
; APPLICANT: Athanasidou, Maria
; APPLICANT: Brain, Carlos
; APPLICANT: Cohen, Nadine
; APPLICANT: Dain, Bradley
; APPLICANT: Denton, R. Rex
; APPLICANT: Judson, Richard S.
; APPLICANT: Ozdemir, Vural
; APPLICANT: Reed, Carol R.
; TITLE OF INVENTION: APOE Genetic Markers Associated with Age of Onset of Alzheimer's
; TITLE OF INVENTION: Disease
; FILE REFERENCE: 2300.0130001
; CURRENT APPLICATION NUMBER: US/11/034,771
; CURRENT FILING DATE: 2005-01-14
; PRIOR APPLICATION NUMBER: US 60/538,590
; PRIOR FILING DATE: 2004-01-22
; NUMBER OF SEQ ID NOS: 42
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 9
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial
; FEATURE:
; OTHER INFORMATION: ASO Forward Primer for Detecting Alleles at PSs in Haplotypes
; OTHER INFORMATION: Comprising Preferred Embodiments of Age of Onset Markers I and II
; FEATURE:
; NAME/KEY: misc.feature
; LOCATION: (14)..(14)
; OTHER INFORMATION: r is 'g' or 'a'
US-11-034-771-9
Query Match 20.0%; Score 2; DB 8; Length 15;
Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 3 RC 4
DB 8 RC 7
RESULT 138
US-11-034-771-9/c
; Sequence 9, Application US/11034771
; Publication No. US20050277129A1
; GENERAL INFORMATION:
; APPLICANT: Aerssens, Jeroen
; APPLICANT: Athanasidou, Maria
; APPLICANT: Brain, Carlos
; APPLICANT: Cohen, Nadine
; APPLICANT: Dain, Bradley
; APPLICANT: Denton, R. Rex
; TITLE OF INVENTION: APOE Genetic Markers Associated with Age of Onset of Alzheimer's
; TITLE OF INVENTION: Disease
; FILE REFERENCE: 2300.0130001
; CURRENT APPLICATION NUMBER: US/11/034,771
; CURRENT FILING DATE: 2005-01-14
; PRIOR APPLICATION NUMBER: US 60/538,590
; PRIOR FILING DATE: 2004-01-22
; NUMBER OF SEQ ID NOS: 42
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 9
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial
; FEATURE:
; OTHER INFORMATION: ASO Forward Primer for Detecting Alleles at PSs in Haplotypes
; OTHER INFORMATION: Comprising Preferred Embodiments of Age of Onset Markers I and II
; FEATURE:
; NAME/KEY: misc.feature
; LOCATION: (14)..(14)
; OTHER INFORMATION: r is 'g' or 'a'
US-11-034-771-9
Query Match 20.0%; Score 2; DB 8; Length 15;
Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 3 RC 4
DB 14 RC 15

```

; APPLICANT: Judson, Richard S.
; APPLICANT: Ozdemir, Vural
; APPLICANT: Reed, Carol R.
; TITLE OF INVENTION: APOE Genetic Markers Associated with Age of Onset of Alzheimer's
; TITLE OF INVENTION: Disease
; FILE REFERENCE: 2300.0130001
; CURRENT APPLICATION NUMBER: US/11/034,771
; PRIOR FILING DATE: 2005-01-14
; PRIOR APPLICATION NUMBER: US 60/538,590
; PRIOR FILING DATE: 2004-01-22
; NUMBER OF SEQ ID NOS: 42
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 9
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial
; FEATURE:
; OTHER INFORMATION: ASO Forward Primer for Detecting Alleles at PSS in Haplotypes
; OTHER INFORMATION: Comprising Preferred Embodiments of Age of Onset Markers I and II
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (14)..(14)
; OTHER INFORMATION: r is 'g' or 'a'
US-11-034-771-9

```

```

Query Match      20.0%; Score 2; DB 8; Length 15;
Best Local Similarity 100.0%; Pred.No. 1.5e+03;
Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

```

Qy      7 GY 8
      ||
Db     15 GY 14

```

```

RESULT 139
US-11-034-771-10
; Sequence 10, Application US/11034771
; Publication No. US20050277129A1
; GENERAL INFORMATION:
; APPLICANT: Aerssens, Jeroen
; APPLICANT: Athanasiou, Maria
; APPLICANT: Brain, Carlos
; APPLICANT: Cohen, Nadine
; APPLICANT: Dain, Bradley
; APPLICANT: Denton, R. Rex
; APPLICANT: Judson, Richard S.
; APPLICANT: Ozdemir, Vural
; APPLICANT: Reed, Carol R.
; TITLE OF INVENTION: APOE Genetic Markers Associated with Age of Onset of Alzheimer's
; TITLE OF INVENTION: Disease
; FILE REFERENCE: 2300.0130001
; CURRENT APPLICATION NUMBER: US/11/034,771
; PRIOR FILING DATE: 2005-01-14
; PRIOR APPLICATION NUMBER: US 60/538,590
; PRIOR FILING DATE: 2004-01-22
; NUMBER OF SEQ ID NOS: 42
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 10
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial
; FEATURE:
; OTHER INFORMATION: ASO Forward Primer for Detecting Alleles at PSS in Haplotypes
; OTHER INFORMATION: Comprising Preferred Embodiments of Age of Onset Markers I and II
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (14)..(14)
; OTHER INFORMATION: Y is 't' or 'c'
US-11-034-771-10

```

```

Query Match      20.0%; Score 2; DB 8; Length 15;
Best Local Similarity 100.0%; Pred.No. 1.5e+03;
Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

```

Qy      7 GY 8
      ||
Db     13 GY 14

```

```

RESULT 140
US-11-034-771-10/c
; Sequence 10, Application US/11034771
; Publication No. US20050277129A1
; GENERAL INFORMATION:
; APPLICANT: Aerssens, Jeroen
; APPLICANT: Athanasiou, Maria
; APPLICANT: Brain, Carlos
; APPLICANT: Cohen, Nadine
; APPLICANT: Dain, Bradley
; APPLICANT: Denton, R. Rex
; APPLICANT: Judson, Richard S.
; APPLICANT: Ozdemir, Vural
; APPLICANT: Reed, Carol R.
; TITLE OF INVENTION: APOE Genetic Markers Associated with Age of Onset of Alzheimer's
; TITLE OF INVENTION: Disease
; FILE REFERENCE: 2300.0130001
; CURRENT APPLICATION NUMBER: US/11/034,771
; CURRENT FILING DATE: 2005-01-14
; PRIOR APPLICATION NUMBER: US 60/538,590
; PRIOR FILING DATE: 2004-01-22
; NUMBER OF SEQ ID NOS: 42
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 10
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial
; FEATURE:
; OTHER INFORMATION: ASO Forward Primer for Detecting Alleles at PSS in Haplotypes
; OTHER INFORMATION: Comprising Preferred Embodiments of Age of Onset Markers I and II
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (14)..(14)
; OTHER INFORMATION: Y is 't' or 'c'
US-11-034-771-10

```

```

Query Match      20.0%; Score 2; DB 8; Length 15;
Best Local Similarity 100.0%; Pred.No. 1.5e+03;
Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

```

Qy      3 RC 4
      ||
Db     14 RC 13

```

```

RESULT 141
US-11-034-771-11
; Sequence 11, Application US/11034771
; Publication No. US20050277129A1
; GENERAL INFORMATION:
; APPLICANT: Aerssens, Jeroen
; APPLICANT: Athanasiou, Maria
; APPLICANT: Brain, Carlos
; APPLICANT: Cohen, Nadine
; APPLICANT: Dain, Bradley
; APPLICANT: Denton, R. Rex
; APPLICANT: Judson, Richard S.
; APPLICANT: Ozdemir, Vural
; APPLICANT: Reed, Carol R.
; TITLE OF INVENTION: APOE Genetic Markers Associated with Age of Onset of Alzheimer's
; TITLE OF INVENTION: Disease
; FILE REFERENCE: 2300.0130001
; CURRENT APPLICATION NUMBER: US/11/034,771
; CURRENT FILING DATE: 2005-01-14
; PRIOR APPLICATION NUMBER: US 60/538,590
; PRIOR FILING DATE: 2004-01-22
; NUMBER OF SEQ ID NOS: 42

```

```
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 11
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial
; FEATURES:
; OTHER INFORMATION: ASO Forward Primer for Detecting Alleles at PSs in Haplotypes
; OTHER INFORMATION: Comprising Preferred Embodiments of Age of Onset Markers I and II
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (14)..(14)
; OTHER INFORMATION: y is 't' or 'c'
US-11-034-771-11
```

```
Query Match      20.0%; Score 2; DB 8; Length 15;
Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
QY      7 GY 8
        ||
DB      13 GY 14
```

RESULT 142

```
US-11-034-771-11/c
; Sequence 11, Application US/11034771
; Publication No. US20050277129A1
; GENERAL INFORMATION:
; APPLICANT: Aerssens, Jeroen
; APPLICANT: Athanasios, Maria
; APPLICANT: Brain, Carlos
; APPLICANT: Cohen, Nadine
; APPLICANT: Dain, Bradley
; APPLICANT: Denton, R. Rex
; APPLICANT: Judson, Richard S.
; APPLICANT: Ozdemir, Vural
; APPLICANT: Reed, Carol R.
; TITLE OF INVENTION: APOE Genetic Markers Associated with Age of Onset of Alzheimer's
; TITLE OF INVENTION: Disease
; FILE REFERENCE: 2300.0130001
; CURRENT APPLICATION NUMBER: US/11/034,771
; PRIOR FILING DATE: 2005-01-14
; PRIOR APPLICATION NUMBER: US 60/538,590
; PRIOR FILING DATE: 2004-01-22
; NUMBER OF SEQ ID NOS: 42
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 11
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial
; FEATURE:
; OTHER INFORMATION: ASO Forward Primer for Detecting Alleles at PSs in Haplotypes
; OTHER INFORMATION: Comprising Preferred Embodiments of Age of Onset Markers I and II
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (14)..(14)
; OTHER INFORMATION: y is 't' or 'c'
US-11-034-771-11
```

```
Query Match      20.0%; Score 2; DB 8; Length 15;
Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
QY      3 RC 4
        ||
DB      14 RC 13
```

RESULT 143

```
US-11-034-771-14
; Sequence 14, Application US/11034771
; Publication No. US20050277129A1
; GENERAL INFORMATION:
```

```
; APPLICANT: Aerssens, Jeroen
; APPLICANT: Athanasios, Maria
; APPLICANT: Brain, Carlos
; APPLICANT: Cohen, Nadine
; APPLICANT: Dain, Bradley
; APPLICANT: Denton, R. Rex
; APPLICANT: Judson, Richard S.
; APPLICANT: Ozdemir, Vural
; APPLICANT: Reed, Carol R.
; TITLE OF INVENTION: APOE Genetic Markers Associated with Age of Onset of Alzheimer's
; TITLE OF INVENTION: Disease
; FILE REFERENCE: 2300.0130001
; CURRENT APPLICATION NUMBER: US/11/034,771
; CURRENT FILING DATE: 2005-01-14
; PRIOR APPLICATION NUMBER: US 60/538,590
; PRIOR FILING DATE: 2004-01-22
; NUMBER OF SEQ ID NOS: 42
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 14
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial
; FEATURE:
; OTHER INFORMATION: ASO Reverse Primer for Detecting Alleles at PSs in Haplotypes
; OTHER INFORMATION: Comprising Preferred Embodiments of Age of Onset Markers I and II
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (14)..(14)
; OTHER INFORMATION: y is 't' or 'c'
US-11-034-771-14
```

```
Query Match      20.0%; Score 2; DB 8; Length 15;
Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
QY      7 GY 8
        ||
DB      13 GY 14
```

RESULT 144

```
US-11-034-771-14/c
; Sequence 14, Application US/11034771
; Publication No. US20050277129A1
; GENERAL INFORMATION:
; APPLICANT: Aerssens, Jeroen
; APPLICANT: Athanasios, Maria
; APPLICANT: Brain, Carlos
; APPLICANT: Cohen, Nadine
; APPLICANT: Dain, Bradley
; APPLICANT: Denton, R. Rex
; APPLICANT: Judson, Richard S.
; APPLICANT: Ozdemir, Vural
; APPLICANT: Reed, Carol R.
; TITLE OF INVENTION: APOE Genetic Markers Associated with Age of Onset of Alzheimer's
; TITLE OF INVENTION: Disease
; FILE REFERENCE: 2300.0130001
; CURRENT APPLICATION NUMBER: US/11/034,771
; CURRENT FILING DATE: 2005-01-14
; PRIOR APPLICATION NUMBER: US 60/538,590
; PRIOR FILING DATE: 2004-01-22
; NUMBER OF SEQ ID NOS: 42
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 14
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial
; FEATURE:
; OTHER INFORMATION: ASO Reverse Primer for Detecting Alleles at PSs in Haplotypes
; OTHER INFORMATION: Comprising Preferred Embodiments of Age of Onset Markers I and II
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (14)..(14)
; OTHER INFORMATION: y is 't' or 'c'
US-11-034-771-14
```

```
Query Match      20.0%; Score 2; DB 8; Length 15;
Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
QY      3 RC 4
        ||
DB      14 RC 13
```

RESULT 143

```
US-11-034-771-14
; Sequence 14, Application US/11034771
; Publication No. US20050277129A1
; GENERAL INFORMATION:
```


RESULT 148
US-11-034-771-16/c
; Sequence 16, Application US/11034771
; Publication No. US20050277129A1
; GENERAL INFORMATION:
; APPLICANT: Aerssens, Jeroen
; APPLICANT: Athanasidou, Maria
; APPLICANT: Brain, Carlos
; APPLICANT: Cohen, Nadine
; APPLICANT: Dain, Bradley
; APPLICANT: Denton, R. Rex
; APPLICANT: Judson, Richard S.
; APPLICANT: Ozdemir, Vural
; APPLICANT: Reed, Carol R.
; TITLE OF INVENTION: APOE Genetic Markers Associated with Age of Onset of Alzheimer's
; FILE REFERENCE: 2300.0130001
; CURRENT FILING DATE: 2005-01-14
; PRIOR APPLICATION NUMBER: US 60/538,590
; PRIOR FILING DATE: 2004-01-22
; NUMBER OF SEQ ID NOS: 42
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 16
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial
; FEATURE:
; OTHER INFORMATION: ASO Reverse Primer for Detecting Alleles at PSs in Haplotypes
; OTHER INFORMATION: Comprising Preferred Embodiments of Age of Onset Markers I and II
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (14)..(14)
; OTHER INFORMATION: r is 'g' or 'a'
US-11-034-771-16

Query Match 20.0%; Score 2; DB 8; Length 15;
Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 7 GY 8
Db 15 GY 14

RESULT 149
US-11-037-243-122
; Sequence 122, Application US/11037243
; Publication No. US20050287546A1
; GENERAL INFORMATION:
; APPLICANT: PLOWMAN, GREGORY
; APPLICANT: WHYTE, DAVID
; APPLICANT: CAENEPEEL, SEAN
; APPLICANT: CHARYDCZAK, GLEN
; APPLICANT: MANNING, GERARD
; APPLICANT: SUDARSANAM, SUCHA
; TITLE OF INVENTION: NOVEL PROTEASES
; FILE REFERENCE: 038602/1214
; CURRENT APPLICATION NUMBER: US/11/037,243
; CURRENT FILING DATE: 2005-05-26
; PRIOR APPLICATION NUMBER: US/09/888,615
; PRIOR FILING DATE: 2001-06-26
; PRIOR APPLICATION NUMBER: 60/214,047
; PRIOR FILING DATE: 2000-06-26
; NUMBER OF SEQ ID NOS: 150
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 122
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: SNP

US-11-037-243-122

Query Match 20.0%; Score 2; DB 8; Length 15;
Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 3 RC 4
Db 8 RC 9

RESULT 150
US-11-037-243-122/c
; Sequence 122, Application US/11037243
; Publication No. US20050287546A1
; GENERAL INFORMATION:
; APPLICANT: PLOWMAN, GREGORY
; APPLICANT: WHYTE, DAVID
; APPLICANT: CAENEPEEL, SEAN
; APPLICANT: CHARYDCZAK, GLEN
; APPLICANT: MANNING, GERARD
; APPLICANT: SUDARSANAM, SUCHA
; TITLE OF INVENTION: NOVEL PROTEASES
; FILE REFERENCE: 038602/1214
; CURRENT APPLICATION NUMBER: US/11/037,243
; CURRENT FILING DATE: 2005-05-26
; PRIOR APPLICATION NUMBER: US/09/888,615
; PRIOR FILING DATE: 2001-06-26
; PRIOR APPLICATION NUMBER: 60/214,047
; PRIOR FILING DATE: 2000-06-26
; NUMBER OF SEQ ID NOS: 150
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 122
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: SNP
US-11-037-243-122

Query Match 20.0%; Score 2; DB 8; Length 15;
Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 7 GY 8
Db 9 GY 8

RESULT 151
US-10-847-539-3
; Sequence 3, Application US/10847539
; Publication No. US20050257286A1
; GENERAL INFORMATION:
; APPLICANT: VIJAYBHASKAR, V.
; APPLICANT: SIDDIQI, IMRAN
; TITLE OF INVENTION: DNA SEQUENCE FOR ROOT PREFERRED GENE EXPRESSION IN
; TITLE OF INVENTION: PLANTS
; FILE REFERENCE: 501303-2001
; CURRENT APPLICATION NUMBER: US/10/847,539
; CURRENT FILING DATE: 2004-05-17
; NUMBER OF SEQ ID NOS: 14
; SOFTWARE: PatentIn Ver. 3.2
; SEQ ID NO 3
; LENGTH: 16
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: primer
; FEATURE:
; NAME/KEY: modified_base
; LOCATION: (1)

```
; OTHER INFORMATION: a, c, g, t, unknown, or other
; FEATURE:
; NAME/KEY: modified_base
; LOCATION: (11)
; OTHER INFORMATION: a, c, g, t, unknown, or other
US-10-847-539-3

Query Match          20.0%; Score 2; DB 7; Length 16;
Best Local Similarity 100.0%; Pred. No. 1.4e+03;
Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      6 WG 7
      ||
Db      8 WG 9

RESULT 152
US-10-847-539-3/c
; Sequence 3, Application US/10847539
; Publication No. US20050257286A1
; GENERAL INFORMATION:
; APPLICANT: VIJAYBHASKAR, V.
; APPLICANT: SIDDIQI, IMRAN
; TITLE OF INVENTION: DNA SEQUENCE FOR ROOT PREFERRED GENE EXPRESSION IN
; TITLE OF INVENTION: PLANTS
; FILE REFERENCE: 501303-2001
; CURRENT APPLICATION NUMBER: US/10/847,539
; CURRENT FILING DATE: 2004-05-17
; NUMBER OF SEQ ID NOS: 14
; SOFTWARE: PatentIn Ver. 3.2
; SEQ ID NO 3
; LENGTH: 16
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: primer
; FEATURE:
; NAME/KEY: modified_base
; LOCATION: (1)
; FEATURE:
; OTHER INFORMATION: a, c, g, t, unknown, or other
; NAME/KEY: modified_base
; LOCATION: (11)
; OTHER INFORMATION: a, c, g, t, unknown, or other
US-10-847-539-3

Query Match          20.0%; Score 2; DB 7; Length 16;
Best Local Similarity 100.0%; Pred. No. 1.4e+03;
Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      4 CW 5
      ||
Db     14 CW 13

RESULT 153
US-10-343-107A-23
; Sequence 23, Application US/10343107A
; Publication No. US20050260574A1
; GENERAL INFORMATION:
; APPLICANT: Gibbs, Mark John
; APPLICANT: Gibbs, Adrian John
; APPLICANT: Brown, Roger William
; TITLE OF INVENTION: COMBINATORIAL PROBES AND USES THEREFOR
; FILE REFERENCE: DAVI198.002APC
; CURRENT APPLICATION NUMBER: US/10/343,107A
; CURRENT FILING DATE: 2003-01-24
; PRIOR APPLICATION NUMBER: AU PQ9483
; PRIOR FILING DATE: 2000-09-17
; PRIOR APPLICATION NUMBER: US 60/226212
; PRIOR FILING DATE: 2000-09-18
; PRIOR APPLICATION NUMBER: PCT/AU01/00931
; PRIOR FILING DATE: 2001-07-27
; NUMBER OF SEQ ID NOS: 26
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 23
; LENGTH: 16
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: combiprobe
; NAME/KEY: misc feature
; LOCATION: 5, 8-11, 14
; OTHER INFORMATION: n = A,T,C or G
; OTHER INFORMATION: y=t/u or c
; OTHER INFORMATION: v=a or g or c
US-10-343-107A-23

Query Match          20.0%; Score 2; DB 7; Length 16;
Best Local Similarity 100.0%; Pred. No. 1.4e+03;
Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      3 RC 4
      ||
Db      5 RC 4

RESULT 155
US-11-037-243-136
; Sequence 136, Application US/11037243
; Publication No. US20050287546A1
```

```
; PRIOR FILING DATE: 2001-07-27
; NUMBER OF SEQ ID NOS: 26
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 23
; LENGTH: 16
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: combiprobe
; NAME/KEY: misc feature
; LOCATION: 5, 8-11, 14
; OTHER INFORMATION: n = A,T,C or G
; OTHER INFORMATION: y=t/u or c
; OTHER INFORMATION: v=a or g or c
US-10-343-107A-23

Query Match          20.0%; Score 2; DB 7; Length 16;
Best Local Similarity 100.0%; Pred. No. 1.4e+03;
Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      7 GY 8
      ||
Db      4 GY 5

RESULT 154
US-10-343-107A-23/c
; Sequence 23, Application US/10343107A
; Publication No. US20050260574A1
; GENERAL INFORMATION:
; APPLICANT: Gibbs, Mark John
; APPLICANT: Gibbs, Adrian John
; APPLICANT: Brown, Roger William
; TITLE OF INVENTION: COMBINATORIAL PROBES AND USES THEREFOR
; FILE REFERENCE: DAVI198.002APC
; CURRENT APPLICATION NUMBER: US/10/343,107A
; CURRENT FILING DATE: 2003-01-24
; PRIOR APPLICATION NUMBER: AU PQ9483
; PRIOR FILING DATE: 2000-09-17
; PRIOR APPLICATION NUMBER: US 60/226212
; PRIOR FILING DATE: 2000-09-18
; PRIOR APPLICATION NUMBER: PCT/AU01/00931
; PRIOR FILING DATE: 2001-07-27
; NUMBER OF SEQ ID NOS: 26
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 23
; LENGTH: 16
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: combiprobe
; NAME/KEY: misc feature
; LOCATION: 5, 8-11, 14
; OTHER INFORMATION: n = A,T,C or G
; OTHER INFORMATION: y=t/u or c
; OTHER INFORMATION: v=a or g or c
US-10-343-107A-23

Query Match          20.0%; Score 2; DB 7; Length 16;
Best Local Similarity 100.0%; Pred. No. 1.4e+03;
Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      3 RC 4
      ||
Db      5 RC 4

RESULT 155
US-11-037-243-136
; Sequence 136, Application US/11037243
; Publication No. US20050287546A1
```

```

; GENERAL INFORMATION:
; APPLICANT: PLOWMAN, GREGORY
; APPLICANT: WHYTE, DAVID
; APPLICANT: CAENEPEL, SEAN
; APPLICANT: CHARYDCZAK, GLEN
; APPLICANT: MANNING, GERARD
; APPLICANT: SUDARSANAM, SUCHA
; TITLE OF INVENTION: NOVEL PROTEASES
; FILE REFERENCE: 038602/1214
; CURRENT APPLICATION NUMBER: US/11/037,243
; CURRENT FILING DATE: 2005-05-26
; PRIOR APPLICATION NUMBER: US/09/888,615
; PRIOR FILING DATE: 2001-06-26
; PRIOR APPLICATION NUMBER: 60/214,047
; PRIOR FILING DATE: 2000-06-26
; NUMBER OF SEQ ID NOS: 150
; SOFTWARE: Patentin Ver. 2.1
; SEQ ID NO 136
; LENGTH: 16
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: SNP
US-11-037-243-136

Query Match      20.0%; Score 2; DB 8; Length 16;
Best Local Similarity 100.0%; Pred. No. 1.4e+03;
Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      3 RC 4
DB      8 RC 9

RESULT 156
US-11-037-243-136/c
; Sequence 136, Application US/11037243
; Publication No. US20050287546A1
; GENERAL INFORMATION:
; APPLICANT: PLOWMAN, GREGORY
; APPLICANT: WHYTE, DAVID
; APPLICANT: CAENEPEL, SEAN
; APPLICANT: CHARYDCZAK, GLEN
; APPLICANT: MANNING, GERARD
; APPLICANT: SUDARSANAM, SUCHA
; TITLE OF INVENTION: NOVEL PROTEASES
; FILE REFERENCE: 038602/1214
; CURRENT APPLICATION NUMBER: US/11/037,243
; CURRENT FILING DATE: 2005-05-26
; PRIOR APPLICATION NUMBER: US/09/888,615
; PRIOR FILING DATE: 2001-06-26
; PRIOR APPLICATION NUMBER: 60/214,047
; NUMBER OF SEQ ID NOS: 150
; SOFTWARE: Patentin Ver. 2.1
; SEQ ID NO 136
; LENGTH: 16
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: SNP
US-11-037-243-136

Query Match      20.0%; Score 2; DB 8; Length 16;
Best Local Similarity 100.0%; Pred. No. 1.4e+03;
Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      7 GY 8
DB      9 GY 8

RESULT 157
US-11-037-243-136/c
; Sequence 136, Application US/11037243
; Publication No. US20050287546A1
; GENERAL INFORMATION:
; APPLICANT: PLOWMAN, GREGORY
; APPLICANT: WHYTE, DAVID
; APPLICANT: CAENEPEL, SEAN
; APPLICANT: CHARYDCZAK, GLEN
; APPLICANT: MANNING, GERARD
; APPLICANT: SUDARSANAM, SUCHA
; TITLE OF INVENTION: NOVEL PROTEASES
; FILE REFERENCE: 038602/1214
; CURRENT APPLICATION NUMBER: US/11/037,243
; CURRENT FILING DATE: 2005-05-26
; PRIOR APPLICATION NUMBER: US/09/888,615
; PRIOR FILING DATE: 2001-06-26
; PRIOR APPLICATION NUMBER: 60/214,047
; NUMBER OF SEQ ID NOS: 150
; SOFTWARE: Patentin Ver. 2.1
; SEQ ID NO 136
; LENGTH: 16
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: SNP
US-11-037-243-136

Query Match      20.0%; Score 2; DB 8; Length 16;
Best Local Similarity 100.0%; Pred. No. 1.4e+03;
Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      7 GY 8
DB      9 GY 8

RESULT 158
US-10-961-992B-14/c
; Sequence 14, Application US/10961992B
; Publication No. US20050245601A1
; GENERAL INFORMATION:
; APPLICANT: Schmitz, Harold
; TITLE OF INVENTION: Treatment of Diseases involving ErbB2 Kinase Overexpression
; FILE REFERENCE: 1010/135US1
; CURRENT APPLICATION NUMBER: US/10/961,992B
; CURRENT FILING DATE: 2004-10-08
; PRIOR APPLICATION NUMBER: 60/510,604
; PRIOR FILING DATE: 2003-10-10
; NUMBER OF SEQ ID NOS: 22
; SOFTWARE: Patentin version 3.3
; SEQ ID NO 14
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: synthetic primer
; NAME/KEY: misc feature
; LOCATION: (9)-(9)
; OTHER INFORMATION: n is a, c, g, or t
US-10-961-992B-14

Query Match      20.0%; Score 2; DB 7; Length 17;
Best Local Similarity 100.0%; Pred. No. 1.3e+03;
Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1 RR 2
DB      3 RR 4

RESULT 159
US-10-961-992B-14
; Sequence 14, Application US/10961992B
; Publication No. US20050245601A1
; GENERAL INFORMATION:
; APPLICANT: Schmitz, Harold
; TITLE OF INVENTION: Treatment of Diseases involving ErbB2 Kinase Overexpression
; FILE REFERENCE: 1010/135US1
; CURRENT APPLICATION NUMBER: US/10/961,992B
; CURRENT FILING DATE: 2004-10-08
; PRIOR APPLICATION NUMBER: 60/510,604
; PRIOR FILING DATE: 2003-10-10
; NUMBER OF SEQ ID NOS: 22
; SOFTWARE: Patentin version 3.3
; SEQ ID NO 14
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: synthetic primer
; NAME/KEY: misc feature
; LOCATION: (9)-(9)
; OTHER INFORMATION: n is a, c, g, or t
US-10-961-992B-14

Query Match      20.0%; Score 2; DB 7; Length 17;
Best Local Similarity 100.0%; Pred. No. 1.3e+03;
Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      8 YY 9
DB      4 YY 3

RESULT 159
US-10-343-107A-18
; Sequence 18, Application US/10343107A
; Publication No. US20050260574A1
```

; GENERAL INFORMATION:
; APPLICANT: Gibbs, Mark John
; APPLICANT: Gibbs, Adrian John
; APPLICANT: Brown, Roger William
; TITLE OF INVENTION: COMBINATORIAL PROBES AND USES THEREFOR
; FILE REFERENCE: DAV198.002APC
; CURRENT APPLICATION NUMBER: US/10/343,107A
; CURRENT FILING DATE: 2003-01-24
; PRIOR APPLICATION NUMBER: AU PQ9483
; PRIOR FILING DATE: 2000-09-17
; PRIOR APPLICATION NUMBER: US 60/226212
; PRIOR FILING DATE: 2000-09-18
; PRIOR APPLICATION NUMBER: PCT/AU01/00931
; PRIOR FILING DATE: 2001-07-27
; NUMBER OF SEQ ID NOS: 26
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 18
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: combiprobe
; NAME/KEY: misc feature
; LOCATION: 3, 6, 9, 12, 15
; OTHER INFORMATION: n = A,T,C or G
; OTHER INFORMATION: y=t/u or c
; OTHER INFORMATION: r=g or a
US-10-343-107A-18

Query Match 20.0%; Score 2; DB 7; Length 17;
Best Local Similarity 100.0%; Pred.No.1.3e+03;
Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 7 GY 8
||
Db 8 GY 9

RESULT 160
US-10-343-107A-18/c
; Sequence 18, Application US/10343107A
; Publication No. US20050260574A1
; GENERAL INFORMATION:
; APPLICANT: Gibbs, Mark John
; APPLICANT: Gibbs, Adrian John
; APPLICANT: Brown, Roger William
; TITLE OF INVENTION: COMBINATORIAL PROBES AND USES THEREFOR
; FILE REFERENCE: DAV198.002APC
; CURRENT APPLICATION NUMBER: US/10/343,107A
; CURRENT FILING DATE: 2003-01-24
; PRIOR APPLICATION NUMBER: AU PQ9483
; PRIOR FILING DATE: 2000-09-17
; PRIOR APPLICATION NUMBER: US 60/226212
; PRIOR FILING DATE: 2000-09-18
; PRIOR APPLICATION NUMBER: PCT/AU01/00931
; PRIOR FILING DATE: 2001-07-27
; NUMBER OF SEQ ID NOS: 26
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 18
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: combiprobe
; NAME/KEY: misc feature
; LOCATION: 3, 6, 9, 12, 15
; OTHER INFORMATION: n = A,T,C or G
; OTHER INFORMATION: y=t/u or c
; OTHER INFORMATION: r=g or a
US-10-343-107A-18

Query Match 20.0%; Score 2; DB 7; Length 17;
Best Local Similarity 100.0%; Pred.No.1.3e+03;
Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 7 GY 8
||
Db 16 GY 15

RESULT 161
US-10-860-388-2
; Sequence 2, Application US/10860388
; Publication No. US20050272044A1
; GENERAL INFORMATION:
; APPLICANT: Remacle, Jose
; APPLICANT: Hamels, Sandrine
; APPLICANT: Burteteau, Sophie
; APPLICANT: Zammattéo, Nathalie
; TITLE OF INVENTION: METHOD AND KIT FOR DETECTION AND/OR
; FILE REFERENCE: KLAUS5.001AUS
; CURRENT APPLICATION NUMBER: US/10/860,388
; CURRENT FILING DATE: 2004-06-02
; NUMBER OF SEQ ID NOS: 203
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 2
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: synthetic primer
US-10-860-388-2

Query Match 20.0%; Score 2; DB 7; Length 17;
Best Local Similarity 100.0%; Pred.No.1.3e+03;
Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 3 RC 4
||
Db 12 RC 13

RESULT 162
US-10-860-388-2/c
; Sequence 2, Application US/10860388
; Publication No. US20050272044A1
; GENERAL INFORMATION:
; APPLICANT: Remacle, Jose
; APPLICANT: Hamels, Sandrine
; APPLICANT: Burteteau, Sophie
; APPLICANT: Zammattéo, Nathalie
; TITLE OF INVENTION: METHOD AND KIT FOR DETECTION AND/OR
; FILE REFERENCE: KLAUS5.001AUS
; CURRENT APPLICATION NUMBER: US/10/860,388
; CURRENT FILING DATE: 2004-06-02
; NUMBER OF SEQ ID NOS: 203
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 2
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: synthetic primer
US-10-860-388-2

Query Match 20.0%; Score 2; DB 7; Length 17;
Best Local Similarity 100.0%; Pred.No.1.3e+03;
Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 7 GY 8
||
Db 13 GY 12

RESULT 163
US-10-989-313-5
; Sequence 5, Application US/10989313
; Publication No. US20050277126A1
; GENERAL INFORMATION:
; APPLICANT: Collins, Mary
; APPLICANT: Donaldson, Debra
; APPLICANT: Fitz, Lora
; APPLICANT: Neben, Tamlyn
; APPLICANT: Whitters, Matthew
; APPLICANT: Wood, Clive
; APPLICANT: Willis-Karp, Marsha
; APPLICANT: Genetics Institute, Inc.
; TITLE OF INVENTION: Cytokine Receptor Chain
; FILE REFERENCE: GI 5268A
; CURRENT APPLICATION NUMBER: US/10/989,313
; CURRENT FILING DATE: 2004-11-15
; PRIOR APPLICATION NUMBER: US/09/868,123
; PRIOR FILING DATE: 2002-04-02
; NUMBER OF SEQ ID NOS: 9
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 5
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: oligonucleotide

Query Match 20.0%; Score 2; DB 7; Length 17;
Best Local Similarity 100.0%; Pred. No. 1.3e+03;
Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 3 RC 4
||
Db 3 RC 4

RESULT 164
US-10-989-313-5/c
; Sequence 5, Application US/10989313
; Publication No. US20050277126A1
; GENERAL INFORMATION:
; APPLICANT: Collins, Mary
; APPLICANT: Donaldson, Debra
; APPLICANT: Fitz, Lora
; APPLICANT: Neben, Tamlyn
; APPLICANT: Whitters, Matthew
; APPLICANT: Wood, Clive
; APPLICANT: Willis-Karp, Marsha
; APPLICANT: Genetics Institute, Inc.
; TITLE OF INVENTION: Cytokine Receptor Chain
; FILE REFERENCE: GI 5268A
; CURRENT APPLICATION NUMBER: US/10/989,313
; CURRENT FILING DATE: 2004-11-15
; PRIOR APPLICATION NUMBER: US/09/868,123
; PRIOR FILING DATE: 2002-04-02
; NUMBER OF SEQ ID NOS: 9
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 5
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: oligonucleotide

Query Match 20.0%; Score 2; DB 7; Length 17;
Best Local Similarity 100.0%; Pred. No. 1.3e+03;
Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 7 GY 8
||
Db 13 GY 12

RESULT 165
US-11-152-747-25
; Sequence 25, Application US/11152747
; Publication No. US20050251881A1
; GENERAL INFORMATION:
; APPLICANT: E. I. du Pont de Nemours, Inc.
; APPLICANT: Cheng, Qiong
; APPLICANT: Tao, Luan
; TITLE OF INVENTION: CAROTENOID KETOLASE GENE
; FILE REFERENCE: CL-1849 US NA
; CURRENT APPLICATION NUMBER: US/11/152,747
; CURRENT FILING DATE: 2005-06-14
; PRIOR APPLICATION NUMBER:
; PRIOR FILING DATE:
; NUMBER OF SEQ ID NOS: 47
; SOFTWARE: Microsoft Office 97
; SEQ ID NO 25
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: Primer
; NAME/KEY: misc feature
; LOCATION: (11)..(11)
; OTHER INFORMATION: Y = C or T
; NAME/KEY: misc feature
; LOCATION: (12)..(12)
; OTHER INFORMATION: M = A or C
US-11-152-747-25

Query Match 20.0%; Score 2; DB 8; Length 17;
Best Local Similarity 100.0%; Pred. No. 1.3e+03;
Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 7 GY 8
||
Db 10 GY 11

RESULT 166
US-11-152-747-25/c
; Sequence 25, Application US/11152747
; Publication No. US20050251881A1
; GENERAL INFORMATION:
; APPLICANT: E. I. du Pont de Nemours, Inc.
; APPLICANT: Cheng, Qiong
; APPLICANT: Tao, Luan
; TITLE OF INVENTION: CAROTENOID KETOLASE GENE
; FILE REFERENCE: CL-1849 US NA
; CURRENT APPLICATION NUMBER: US/11/152,747
; CURRENT FILING DATE: 2005-06-14
; PRIOR APPLICATION NUMBER:
; PRIOR FILING DATE:
; NUMBER OF SEQ ID NOS: 47
; SOFTWARE: Microsoft Office 97
; SEQ ID NO 25
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: Primer
; NAME/KEY: misc feature
; LOCATION: (11)..(11)
; OTHER INFORMATION: Y = C or T
; FEATURE:

```
; NAME/KEY: misc_feature
; LOCATION: (12)...(12)
; OTHER INFORMATION: M = A or C
US-11-152-747-25

Query Match          20.0%; Score 2; DB 8; Length 17;
Best Local Similarity 100.0%; Pred. No. 1.3e+03; Indels
Matches 2; Conservative 0; Mismatches 0; Gaps 0;

QY      3 RC 4
Db      11 RC 10

RESULT 167
US-11-113-837-7
; Sequence 7, Application US/11113837
; Publication No. US20050255513A1
; GENERAL INFORMATION:
; APPLICANT: Akin, Ali R.
; APPLICANT: Bodie, Elizabeth A.
; APPLICANT: Burrow, Shirley
; APPLICANT: Dunn-Colemen, Nigel
; APPLICANT: Turner, Geoffrey
; APPLICANT: Ward, Michael
; TITLE OF INVENTION: Regulatable Growth of Filamentous Fungi
; FILE REFERENCE: GC682-2
; CURRENT APPLICATION NUMBER: US/11/113,837
; CURRENT FILING DATE: 2005-04-25
; PRIOR APPLICATION NUMBER: US 60/276,571
; PRIOR FILING DATE: 2001-03-15
; PRIOR APPLICATION NUMBER: US 60/276,618
; PRIOR FILING DATE: 2001-03-14
; NUMBER OF SEQ ID NOS: 21
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 7
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: primer
; NAME/KEY: misc_feature
; LOCATION: (1)...(17)
; OTHER INFORMATION: n = A,T,C or G
US-11-113-837-7

Query Match          20.0%; Score 2; DB 8; Length 17;
Best Local Similarity 100.0%; Pred. No. 1.3e+03; Indels
Matches 2; Conservative 0; Mismatches 0; Gaps 0;

QY      7 GY 8
Db      10 GY 9

RESULT 168
US-11-113-837-11
; Sequence 11, Application US/11113837
; Publication No. US20050255513A1
; GENERAL INFORMATION:
; APPLICANT: Akin, Ali R.
; APPLICANT: Bodie, Elizabeth A.
; APPLICANT: Burrow, Shirley
; APPLICANT: Dunn-Colemen, Nigel
; APPLICANT: Turner, Geoffrey
; APPLICANT: Ward, Michael
; TITLE OF INVENTION: Regulatable Growth of Filamentous Fungi
; FILE REFERENCE: GC682-2
; CURRENT APPLICATION NUMBER: US/11/113,837
; CURRENT FILING DATE: 2005-04-25
; PRIOR APPLICATION NUMBER: US 60/276,571
; PRIOR FILING DATE: 2001-03-15
; PRIOR APPLICATION NUMBER: US 60/276,618
; PRIOR FILING DATE: 2001-03-14
; NUMBER OF SEQ ID NOS: 21
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 11
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: primer
; NAME/KEY: misc_feature
; LOCATION: (1)...(17)
; OTHER INFORMATION: n = A,T,C or G
US-11-113-837-11

Query Match          20.0%; Score 2; DB 8; Length 17;
Best Local Similarity 100.0%; Pred. No. 1.3e+03; Indels
Matches 2; Conservative 0; Mismatches 0; Gaps 0;

QY      3 RC 4
Db      9 RC 10

RESULT 169
US-11-113-837-11/c
; Sequence 11, Application US/11113837
; Publication No. US20050255513A1
; GENERAL INFORMATION:
; APPLICANT: Akin, Ali R.
; APPLICANT: Bodie, Elizabeth A.
; APPLICANT: Burrow, Shirley
; APPLICANT: Dunn-Colemen, Nigel
; APPLICANT: Turner, Geoffrey
; APPLICANT: Ward, Michael
; TITLE OF INVENTION: Regulatable Growth of Filamentous Fungi
; FILE REFERENCE: GC682-2
; CURRENT APPLICATION NUMBER: US/11/113,837
; CURRENT FILING DATE: 2005-04-25
; PRIOR APPLICATION NUMBER: US 60/276,571
; PRIOR FILING DATE: 2001-03-15
; PRIOR APPLICATION NUMBER: US 60/276,618
; PRIOR FILING DATE: 2001-03-14
; NUMBER OF SEQ ID NOS: 21
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 11
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: primer
; NAME/KEY: misc_feature
; LOCATION: (1)...(17)
; OTHER INFORMATION: n = A,T,C or G
US-11-113-837-11

Query Match          20.0%; Score 2; DB 8; Length 17;
Best Local Similarity 100.0%; Pred. No. 1.3e+03; Indels
Matches 2; Conservative 0; Mismatches 0; Gaps 0;

QY      3 RC 4
Db      9 RC 10

RESULT 170
US-11-113-837-11/c
; Sequence 11, Application US/11113837
; Publication No. US20050255513A1
; GENERAL INFORMATION:
; APPLICANT: Akin, Ali R.
```

APPLICANT: Bodie, Elizabeth A.
APPLICANT: Burrow, Shirley
APPLICANT: Dunn-Coleman, Nigel
APPLICANT: Turner, Geoffrey
APPLICANT: Ward, Michael
TITLE OF INVENTION: Regulatable Growth of Filamentous Fungi
FILE REFERENCE: GC682-2
CURRENT APPLICATION NUMBER: US/11/113,837
CURRENT FILING DATE: 2005-04-25
PRIOR APPLICATION NUMBER: US 60/276,571
PRIOR FILING DATE: 2001-03-15
PRIOR APPLICATION NUMBER: US 60/276,618
PRIOR FILING DATE: 2001-03-14
NUMBER OF SEQ ID NOS: 21
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 11
LENGTH: 17
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: primer
FEATURE:
NAME/KEY: misc_feature
LOCATION: (1)...(17)
OTHER INFORMATION: n = A,T,C or G
US-11-113-837-11

Query Match 20.0%; Score 2; DB 8; Length 17;
Best Local Similarity 100.0%; Pred.No.1.3e+03;
Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 7 GY 8
DB 10 GY 9

RESULT 171

US-11-191-374-43
Sequence 43, Application US/11/191374
Publication No. US20050260673A1
GENERAL INFORMATION:
APPLICANT: Hresko, Michelle Coutu
APPLICANT: McLaird, Merry B.
APPLICANT: Williams, Deryck J.
APPLICANT: Frevert, Anita M.
APPLICANT: Chiapelli, Brandi
APPLICANT: Baublite, Catherine
APPLICANT: Kloek, Andrew P.
APPLICANT: Davila-Aponte, Jennifer A.
APPLICANT: Bradley, John D.
TITLE OF INVENTION: NEMATODE PAN AND ZP RECEPTOR-LIKE
FILE REFERENCE: 12557-015001
CURRENT APPLICATION NUMBER: US/11/191,374
CURRENT FILING DATE: 2005-07-28
PRIOR APPLICATION NUMBER: US/10/771,708
PRIOR FILING DATE: 2004-02-04
PRIOR APPLICATION NUMBER: US 60/444,771
PRIOR FILING DATE: 2003-02-04
NUMBER OF SEQ ID NOS: 54
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 43
LENGTH: 17
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Primer
FEATURE:
NAME/KEY: misc_feature
LOCATION: 15
OTHER INFORMATION: n = a, t, c, or g
US-11-191-374-43

Query Match 20.0%; Score 2; DB 8; Length 17;
Best Local Similarity 100.0%; Pred.No.1.3e+03;
Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 3 RC 4
DB 3 RC 4

RESULT 172

US-11-191-374-43/c
Sequence 43, Application US/11/191374
Publication No. US20050260673A1
GENERAL INFORMATION:
APPLICANT: Hresko, Michelle Coutu
APPLICANT: McLaird, Merry B.
APPLICANT: Williams, Deryck J.
APPLICANT: Frevert, Anita M.
APPLICANT: Chiapelli, Brandi
APPLICANT: Baublite, Catherine
APPLICANT: Kloek, Andrew P.
APPLICANT: Davila-Aponte, Jennifer A.
APPLICANT: Bradley, John D.
TITLE OF INVENTION: NEMATODE PAN AND ZP RECEPTOR-LIKE
FILE REFERENCE: 12557-015001
CURRENT APPLICATION NUMBER: US/11/191,374
CURRENT FILING DATE: 2005-07-28
PRIOR APPLICATION NUMBER: US/10/771,708
PRIOR FILING DATE: 2004-02-04
PRIOR APPLICATION NUMBER: US 60/444,771
PRIOR FILING DATE: 2003-02-04
NUMBER OF SEQ ID NOS: 54
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 43
LENGTH: 17
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Primer
FEATURE:
NAME/KEY: misc_feature
LOCATION: 15
OTHER INFORMATION: n = a, t, c, or g
US-11-191-374-43

Query Match 20.0%; Score 2; DB 8; Length 17;
Best Local Similarity 100.0%; Pred.No.1.3e+03;
Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 7 GY 8
DB 4 GY 3

RESULT 173

US-11-191-375-43
Sequence 43, Application US/11/191375
Publication No. US20050260674A1
GENERAL INFORMATION:
APPLICANT: Hresko, Michelle Coutu
APPLICANT: McLaird, Merry B.
APPLICANT: Williams, Deryck J.
APPLICANT: Frevert, Anita M.
APPLICANT: Chiapelli, Brandi
APPLICANT: Baublite, Catherine
APPLICANT: Kloek, Andrew P.
APPLICANT: Davila-Aponte, Jennifer A.
APPLICANT: Bradley, John D.
TITLE OF INVENTION: NEMATODE PAN AND ZP RECEPTOR-LIKE

;
; TITLE OF INVENTION: SEQUENCES
; FILE REFERENCE: 12557-015001
; CURRENT APPLICATION NUMBER: US/11/191,375
; CURRENT FILING DATE: 2005-07-28
; PRIOR APPLICATION NUMBER: US/10/771,708
; PRIOR FILING DATE: 2004-02-04
; PRIOR APPLICATION NUMBER: US 60/444,771
; PRIOR FILING DATE: 2003-02-04
; NUMBER OF SEQ ID NOS: 54
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 43
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Primer
; NAME/KEY: misc_feature
; LOCATION: 15
; OTHER INFORMATION: n = a, t, c, or g
US-11-191-375-43

Query Match 20.0%; Score 2; DB 8; Length 17;
Best Local Similarity 100.0%; Pred.No. 1.3e+03;
Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 3 RC 4
Db 3 RC 4

RESULT 174
US-11-191-375-43/c
; Sequence 43, Application US/11/191375
; Publication No. US20050260674A1
; GENERAL INFORMATION:
; APPLICANT: Hresko, Michelle Coutu
; APPLICANT: McLaird, Merry B.
; APPLICANT: Williams, Deryck J.
; APPLICANT: Frevert, Anita M.
; APPLICANT: Chiapelli, Brandi
; APPLICANT: Baublite, Catherine
; APPLICANT: Kloeck, Andrew P.
; APPLICANT: Davila-Aponte, Jennifer A.
; APPLICANT: Bradley, John D.
; APPLICANT: Xu, Siqun
; TITLE OF INVENTION: NEMATODE PAN AND ZP RECEPTOR-LIKE
; TITLE OF INVENTION: SEQUENCES
; FILE REFERENCE: 12557-015001
; CURRENT APPLICATION NUMBER: US/11/191,375
; CURRENT FILING DATE: 2005-07-28
; PRIOR APPLICATION NUMBER: US/10/771,708
; PRIOR FILING DATE: 2004-02-04
; PRIOR APPLICATION NUMBER: US 60/444,771
; PRIOR FILING DATE: 2003-02-04
; NUMBER OF SEQ ID NOS: 54
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 43
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Primer
; NAME/KEY: misc_feature
; LOCATION: 15
; OTHER INFORMATION: n = a, t, c, or g
US-11-191-375-43

Query Match 20.0%; Score 2; DB 8; Length 17;
Best Local Similarity 100.0%; Pred.No. 1.3e+03;
Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 7 GY 8
Db 4 GY 3

RESULT 175
US-11-191-588-43
; Sequence 43, Application US/11/191588
; Publication No. US20050282222A1
; GENERAL INFORMATION:
; APPLICANT: Hresko, Michelle Coutu
; APPLICANT: McLaird, Merry B.
; APPLICANT: Williams, Deryck J.
; APPLICANT: Frevert, Anita M.
; APPLICANT: Chiapelli, Brandi
; APPLICANT: Baublite, Catherine
; APPLICANT: Kloeck, Andrew P.
; APPLICANT: Davila-Aponte, Jennifer A.
; APPLICANT: Bradley, John D.
; APPLICANT: Xu, Siqun
; TITLE OF INVENTION: NEMATODE PAN AND ZP RECEPTOR-LIKE
; TITLE OF INVENTION: SEQUENCES
; FILE REFERENCE: 12557-015001
; CURRENT APPLICATION NUMBER: US/11/191,588
; CURRENT FILING DATE: 2005-07-28
; PRIOR APPLICATION NUMBER: US/10/771,708
; PRIOR FILING DATE: 2004-02-04
; PRIOR APPLICATION NUMBER: US 60/444,771
; PRIOR FILING DATE: 2003-02-04
; NUMBER OF SEQ ID NOS: 54
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 43
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Primer
; NAME/KEY: misc_feature
; LOCATION: 15
; OTHER INFORMATION: n = a, t, c, or g
US-11-191-588-43

Query Match 20.0%; Score 2; DB 8; Length 17;
Best Local Similarity 100.0%; Pred.No. 1.3e+03;
Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 3 RC 4
Db 3 RC 4

RESULT 176
US-11-191-588-43/c
; Sequence 43, Application US/11/191588
; Publication No. US20050282222A1
; GENERAL INFORMATION:
; APPLICANT: Hresko, Michelle Coutu
; APPLICANT: McLaird, Merry B.
; APPLICANT: Williams, Deryck J.
; APPLICANT: Frevert, Anita M.
; APPLICANT: Chiapelli, Brandi
; APPLICANT: Baublite, Catherine
; APPLICANT: Kloeck, Andrew P.
; APPLICANT: Davila-Aponte, Jennifer A.
; APPLICANT: Bradley, John D.
; APPLICANT: Xu, Siqun
; TITLE OF INVENTION: NEMATODE PAN AND ZP RECEPTOR-LIKE
; TITLE OF INVENTION: SEQUENCES
; FILE REFERENCE: 12557-015001
; CURRENT APPLICATION NUMBER: US/11/191,588
; CURRENT FILING DATE: 2005-07-28
; PRIOR APPLICATION NUMBER: US/10/771,708

; PRIOR FILING DATE: 2004-02-04
 ; PRIOR APPLICATION NUMBER: US 60/444,771
 ; PRIOR FILING DATE: 2003-02-04
 ; NUMBER OF SEQ ID NOS: 54
 ; SOFTWARE: FastSeq for Windows Version 4.0
 ; SEQ ID NO 43
 ; LENGTH: 17
 ; TYPE: DNA
 ; ORGANISM: Artificial Sequence
 ; FEATURE:
 ; OTHER INFORMATION: Primer
 ; FEATURE:
 ; NAME/KEY: misc_feature
 ; LOCATION: 15
 ; OTHER INFORMATION: n = a, t, c, or g
 US-11-191-588-43

Query Match 20.0%; Score 2; DB 8; Length 17;
 Best Local Similarity 100.0%; Pred. No. 1.3e+03;
 Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 7 GY 8
 Db 4 GY 3

RESULT 177
 US-11-037-243-130
 ; Sequence 130, Application US/11037243
 ; Publication No. US20050287546A1
 ; GENERAL INFORMATION:
 ; APPLICANT: PLOWMAN, GREGORY
 ; APPLICANT: WHYTE, DAVID
 ; APPLICANT: CAENEPEEL, SEAN
 ; APPLICANT: CHARYDCZAK, GLEN
 ; APPLICANT: MANNING, GERARD
 ; APPLICANT: SUDARSANAM, SUCHA
 ; TITLE OF INVENTION: NOVEL PROTEASES
 ; FILE REFERENCE: 038602/1214
 ; CURRENT APPLICATION NUMBER: US/11/037,243
 ; PRIOR FILING DATE: 2005-05-26
 ; PRIOR APPLICATION NUMBER: US/09/888,615
 ; PRIOR FILING DATE: 2001-06-26
 ; PRIOR FILING DATE: 2000-06-26
 ; NUMBER OF SEQ ID NOS: 150
 ; SOFTWARE: PatentIn Ver. 2.1
 ; SEQ ID NO 130
 ; LENGTH: 17
 ; TYPE: DNA
 ; ORGANISM: Artificial Sequence
 ; FEATURE:
 ; OTHER INFORMATION: Description of Artificial Sequence: SNP
 US-11-037-243-130

Query Match 20.0%; Score 2; DB 8; Length 17;
 Best Local Similarity 100.0%; Pred. No. 1.3e+03;
 Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 4 CW 5
 Db 8 CW 9

RESULT 178
 US-11-037-243-130/c
 ; Sequence 130, Application US/11037243
 ; Publication No. US20050287546A1
 ; GENERAL INFORMATION:
 ; APPLICANT: PLOWMAN, GREGORY
 ; APPLICANT: WHYTE, DAVID
 ; APPLICANT: CAENEPEEL, SEAN
 ; APPLICANT: CHARYDCZAK, GLEN

; APPLICANT: MANNING, GERARD
 ; APPLICANT: SUDARSANAM, SUCHA
 ; TITLE OF INVENTION: NOVEL PROTEASES
 ; FILE REFERENCE: 038602/1214
 ; CURRENT APPLICATION NUMBER: US/11/037,243
 ; CURRENT FILING DATE: 2005-05-26
 ; PRIOR APPLICATION NUMBER: US/09/888,615
 ; PRIOR FILING DATE: 2001-06-26
 ; PRIOR APPLICATION NUMBER: 60/214,047
 ; PRIOR FILING DATE: 2000-06-26
 ; NUMBER OF SEQ ID NOS: 150
 ; SOFTWARE: PatentIn Ver. 2.1
 ; SEQ ID NO 130
 ; LENGTH: 17
 ; TYPE: DNA
 ; ORGANISM: Artificial Sequence
 ; FEATURE:
 ; OTHER INFORMATION: Description of Artificial Sequence: SNP
 US-11-037-243-130

Query Match 20.0%; Score 2; DB 8; Length 17;
 Best Local Similarity 100.0%; Pred. No. 1.3e+03;
 Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 6 WG 7
 Db 9 WG 8

RESULT 179
 US-11-037-243-135
 ; Sequence 135, Application US/11037243
 ; Publication No. US20050287546A1
 ; GENERAL INFORMATION:
 ; APPLICANT: PLOWMAN, GREGORY
 ; APPLICANT: WHYTE, DAVID
 ; APPLICANT: CAENEPEEL, SEAN
 ; APPLICANT: CHARYDCZAK, GLEN
 ; APPLICANT: MANNING, GERARD
 ; APPLICANT: SUDARSANAM, SUCHA
 ; TITLE OF INVENTION: NOVEL PROTEASES
 ; FILE REFERENCE: 038602/1214
 ; CURRENT APPLICATION NUMBER: US/11/037,243
 ; CURRENT FILING DATE: 2005-05-26
 ; PRIOR APPLICATION NUMBER: US/09/888,615
 ; PRIOR FILING DATE: 2001-06-26
 ; PRIOR APPLICATION NUMBER: 60/214,047
 ; PRIOR FILING DATE: 2000-06-26
 ; NUMBER OF SEQ ID NOS: 150
 ; SOFTWARE: PatentIn Ver. 2.1
 ; SEQ ID NO 135
 ; LENGTH: 17
 ; TYPE: DNA
 ; ORGANISM: Artificial Sequence
 ; FEATURE:
 ; OTHER INFORMATION: Description of Artificial Sequence: SNP
 US-11-037-243-135

Query Match 20.0%; Score 2; DB 8; Length 17;
 Best Local Similarity 100.0%; Pred. No. 1.3e+03;
 Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 7 GY 8
 Db 8 GY 9

RESULT 180
 US-11-037-243-135/c
 ; Sequence 135, Application US/11037243
 ; Publication No. US20050287546A1
 ; GENERAL INFORMATION:
 ; APPLICANT: PLOWMAN, GREGORY

; APPLICANT: WHYTE, DAVID
; APPLICANT: CAENEPEEL, SEAN
; APPLICANT: CHARYDCZAK, GLEN
; APPLICANT: MANNING, GERARD
; APPLICANT: SUDARSANAM, SUCHA
; TITLE OF INVENTION: NOVEL PROTEASES
; FILE REFERENCE: 038602/1214
; CURRENT APPLICATION NUMBER: US/11/037,243
; PRIOR FILING DATE: 2005-05-26
; PRIOR FILING DATE: 2001-06-26
; PRIOR FILING DATE: 2000-06-26
; NUMBER OF SEQ ID NOS: 150
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 135
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: SNP
US-11-037-243-135

Query Match 20.0%; Score 2; DB 8; Length 17;
Best Local Similarity 100.0%; Pred. No. 1.3e+03;
Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 3 RC 4
||
Db 9 RC 8

RESULT 181

US-11-037-243-143
; Sequence 143, Application US/11037243
; Publication No. US20050287546A1
; GENERAL INFORMATION:
; APPLICANT: FLOWMAN, GREGORY
; APPLICANT: WHYTE, DAVID
; APPLICANT: CAENEPEEL, SEAN
; APPLICANT: CHARYDCZAK, GLEN
; APPLICANT: MANNING, GERARD
; APPLICANT: SUDARSANAM, SUCHA
; TITLE OF INVENTION: NOVEL PROTEASES
; FILE REFERENCE: 038602/1214
; CURRENT APPLICATION NUMBER: US/11/037,243
; PRIOR FILING DATE: 2005-05-26
; PRIOR FILING DATE: 2001-06-26
; PRIOR FILING DATE: 2000-06-26
; NUMBER OF SEQ ID NOS: 150
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 143
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: SNP
US-11-037-243-143

Query Match 20.0%; Score 2; DB 8; Length 17;
Best Local Similarity 100.0%; Pred. No. 1.3e+03;
Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 7 CY 8
||
Db 7 CY 8

RESULT 182

US-11-037-243-143/c
; Sequence 143, Application US/11037243
; Publication No. US20050287546A1
; GENERAL INFORMATION:
; APPLICANT: FLOWMAN, GREGORY
; APPLICANT: WHYTE, DAVID
; APPLICANT: CAENEPEEL, SEAN
; APPLICANT: CHARYDCZAK, GLEN
; APPLICANT: MANNING, GERARD
; APPLICANT: SUDARSANAM, SUCHA
; TITLE OF INVENTION: NOVEL PROTEASES
; FILE REFERENCE: 038602/1214
; CURRENT APPLICATION NUMBER: US/11/037,243
; PRIOR FILING DATE: 2005-05-26
; PRIOR FILING DATE: 2001-06-26
; PRIOR FILING DATE: 2000-06-26
; NUMBER OF SEQ ID NOS: 150
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 143
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: SNP
US-11-037-243-143

; Publication No. US20050287546A1
; GENERAL INFORMATION:
; APPLICANT: FLOWMAN, GREGORY
; APPLICANT: WHYTE, DAVID
; APPLICANT: CAENEPEEL, SEAN
; APPLICANT: CHARYDCZAK, GLEN
; APPLICANT: MANNING, GERARD
; APPLICANT: SUDARSANAM, SUCHA
; TITLE OF INVENTION: NOVEL PROTEASES
; FILE REFERENCE: 038602/1214
; CURRENT APPLICATION NUMBER: US/11/037,243
; CURRENT FILING DATE: 2005-05-26
; PRIOR FILING DATE: 2001-06-26
; PRIOR FILING DATE: 2000-06-26
; NUMBER OF SEQ ID NOS: 150
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 143
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: SNP
US-11-037-243-143

Query Match 20.0%; Score 2; DB 8; Length 17;
Best Local Similarity 100.0%; Pred. No. 1.3e+03;
Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 3 RC 4
||
Db 8 RC 7

RESULT 183

US-10-500-831-76
; Sequence 76, Application US/10500831
; Publication No. US20050244813A1
; GENERAL INFORMATION:
; APPLICANT: Frank KARLSEN
; TITLE OF INVENTION: DETECTION OF HUMAN PAPILLOMAVIRUS B6 mRNA
; FILE REFERENCE: B0192.70052US00
; CURRENT APPLICATION NUMBER: US/10/500,831
; CURRENT FILING DATE: 2004-07-07
; PRIOR FILING DATE: 2002-01-07
; PRIOR FILING DATE: 2002-06-19
; PRIOR FILING DATE: 2002-06-19
; NUMBER OF SEQ ID NOS: 387
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 76
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Human papillomavirus
; OTHER INFORMATION: Description of Artificial Sequence: SNP
US-10-500-831-76

Query Match 20.0%; Score 2; DB 7; Length 18;
Best Local Similarity 100.0%; Pred. No. 1.3e+03;
Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 6 WG 7
||
Db 3 WG 4

RESULT 184

US-10-500-831-76/c
; Sequence 76, Application US/10500831
; Publication No. US20050244813A1
; GENERAL INFORMATION:
; APPLICANT: Frank KARLSEN
; TITLE OF INVENTION: DETECTION OF HUMAN PAPILLOMAVIRUS B6 mRNA
; FILE REFERENCE: B0192.70052US00
; CURRENT APPLICATION NUMBER: US/10/500,831
; CURRENT FILING DATE: 2004-07-07
; PRIOR FILING DATE: 2002-01-07
; PRIOR FILING DATE: 2002-06-19
; PRIOR FILING DATE: 2002-06-19
; NUMBER OF SEQ ID NOS: 387
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 76
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Human papillomavirus
; OTHER INFORMATION: Description of Artificial Sequence: SNP
US-10-500-831-76

RESULT 182

US-11-037-243-143/c
; Sequence 143, Application US/11037243
; Publication No. US20050287546A1
; GENERAL INFORMATION:
; APPLICANT: FLOWMAN, GREGORY
; APPLICANT: WHYTE, DAVID
; APPLICANT: CAENEPEEL, SEAN
; APPLICANT: CHARYDCZAK, GLEN
; APPLICANT: MANNING, GERARD
; APPLICANT: SUDARSANAM, SUCHA
; TITLE OF INVENTION: NOVEL PROTEASES
; FILE REFERENCE: 038602/1214
; CURRENT APPLICATION NUMBER: US/11/037,243
; PRIOR FILING DATE: 2005-05-26
; PRIOR FILING DATE: 2001-06-26
; PRIOR FILING DATE: 2000-06-26
; NUMBER OF SEQ ID NOS: 150
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 143
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: SNP
US-11-037-243-143

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; FILE REFERENCE: B0192.70052US00
; CURRENT APPLICATION NUMBER: US/10/500,831
; CURRENT FILING DATE: 2004-07-07
; PRIOR APPLICATION NUMBER: GB 0200258.2
; PRIOR FILING DATE: 2002-01-07
; PRIOR APPLICATION NUMBER: GB 0214124.0
; PRIOR FILING DATE: 2002-06-19
; NUMBER OF SEQ ID NOS: 387
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 76
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Human papillomavirus
US-10-500-831-76

Query Match      20.0%; Score 2; DB 7; Length 18;
Best Local Similarity 100.0%; Pred. No. 1.3e+03;
Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      4 CW 5
Db      ||
        4 CW 3

RESULT 185
US-10-500-831-240
; Sequence 240, Application US/10500831
; Publication No. US20050244813A1
; GENERAL INFORMATION:
; APPLICANT: Frank KARLSEN
; TITLE OF INVENTION: DETECTION OF HUMAN PAPILLOMAVIRUS E6 mRNA
; FILE REFERENCE: B0192.70052US00
; CURRENT APPLICATION NUMBER: US/10/500,831
; CURRENT FILING DATE: 2004-07-07
; PRIOR APPLICATION NUMBER: GB 0200258.2
; PRIOR FILING DATE: 2002-01-07
; PRIOR APPLICATION NUMBER: GB 0214124.0
; PRIOR FILING DATE: 2002-06-19
; NUMBER OF SEQ ID NOS: 387
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 240
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Human papillomavirus
US-10-500-831-240

Query Match      20.0%; Score 2; DB 7; Length 18;
Best Local Similarity 100.0%; Pred. No. 1.3e+03;
Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      6 WG 7
Db      ||
        3 WG 4

RESULT 186
US-10-500-831-240/c
; Sequence 240, Application US/10500831
; Publication No. US20050244813A1
; GENERAL INFORMATION:
; APPLICANT: Frank KARLSEN
; TITLE OF INVENTION: DETECTION OF HUMAN PAPILLOMAVIRUS E6 mRNA
; FILE REFERENCE: B0192.70052US00
; CURRENT APPLICATION NUMBER: US/10/500,831
; CURRENT FILING DATE: 2004-07-07
; PRIOR APPLICATION NUMBER: GB 0200258.2
; PRIOR FILING DATE: 2002-01-07
; PRIOR APPLICATION NUMBER: GB 0214124.0
; PRIOR FILING DATE: 2002-06-19
; NUMBER OF SEQ ID NOS: 387
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 240
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Human papillomavirus
US-10-500-831-240

Query Match      20.0%; Score 2; DB 7; Length 18;
Best Local Similarity 100.0%; Pred. No. 1.3e+03;
Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      6 WG 7
Db      ||
        3 WG 4

RESULT 187
US-10-750-185-10123
; Sequence 10123, Application US/10750185
; Publication No. US20050260603A1
; GENERAL INFORMATION:
; APPLICANT: MMI GENOMICS, INC.
; APPLICANT: DENISE, Sue K.
; APPLICANT: KERR, Richard
; APPLICANT: ROSENFELD, David
; APPLICANT: HOLM, Tom
; APPLICANT: BATES, Stephen
; APPLICANT: FANTIN, Dennis
; TITLE OF INVENTION: COMPOSITIONS FOR INFERRING BOVINE TRAITS
; FILE REFERENCE: MM11100-2
; CURRENT APPLICATION NUMBER: US/10/750,185
; CURRENT FILING DATE: 2003-12-31
; PRIOR APPLICATION NUMBER: US 60/437,482
; PRIOR FILING DATE: 2002-12-31
; NUMBER OF SEQ ID NOS: 64922
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 10123
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: Reverse Primer
US-10-750-185-10123

Query Match      20.0%; Score 2; DB 7; Length 18;
Best Local Similarity 100.0%; Pred. No. 1.3e+03;
Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      3 RC 4
Db      ||
        6 RC 7

RESULT 188
US-10-750-185-10123/c
; Sequence 10123, Application US/10750185
; Publication No. US20050260603A1
; GENERAL INFORMATION:
; APPLICANT: MMI GENOMICS, INC.
; APPLICANT: DENISE, Sue K.
; APPLICANT: KERR, Richard
; APPLICANT: ROSENFELD, David
; APPLICANT: HOLM, Tom
; APPLICANT: BATES, Stephen
; APPLICANT: FANTIN, Dennis
; TITLE OF INVENTION: COMPOSITIONS FOR INFERRING BOVINE TRAITS
; FILE REFERENCE: MM11100-2
; CURRENT APPLICATION NUMBER: US/10/750,185
; CURRENT FILING DATE: 2003-12-31
; PRIOR APPLICATION NUMBER: US 60/437,482
; PRIOR FILING DATE: 2002-12-31
; NUMBER OF SEQ ID NOS: 64922
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 10123
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: Reverse Primer
US-10-750-185-10123
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; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: Reverse Primer
US-10-750-185-10123

Query Match      20.0%; Score 2; DB 7; Length 18;
Best Local Similarity 100.0%; Pred. No. 1.3e+03;
Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 7 GY 8
Db 7 GY 6

RESULT 189
US-10-750-185-13882
; Sequence 13882, Application US/10750185
; Publication No. US20050260603A1
; GENERAL INFORMATION:
; APPLICANT: MMI GENOMICS, INC.
; APPLICANT: DENISE, Sue K.
; APPLICANT: KERR, Richard
; APPLICANT: ROSENFELD, David
; APPLICANT: HOLM, Tom
; APPLICANT: BATES, Stephen
; APPLICANT: FANTIN, Dennis
; TITLE OF INVENTION: COMPOSITIONS FOR INFERRING BOVINE TRAITS
; FILE REFERENCE: MM1100-2
; CURRENT APPLICATION NUMBER: US/10/750,185
; CURRENT FILING DATE: 2003-12-31
; PRIOR APPLICATION NUMBER: US 60/437,482
; PRIOR FILING DATE: 2002-12-31
; NUMBER OF SEQ ID NOS: 64922
; SOFTWARE: PatentIN version 3.1
; SEQ ID NO 13882
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: Reverse Primer
US-10-750-185-13882

Query Match      20.0%; Score 2; DB 7; Length 18;
Best Local Similarity 100.0%; Pred. No. 1.3e+03;
Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 7 GY 8
Db 2 GY 3

RESULT 190
US-10-750-185-13882/c
; Sequence 13882, Application US/10750185
; Publication No. US20050260603A1
; GENERAL INFORMATION:
; APPLICANT: MMI GENOMICS, INC.
; APPLICANT: DENISE, Sue K.
; APPLICANT: KERR, Richard
; APPLICANT: ROSENFELD, David
; APPLICANT: HOLM, Tom
; APPLICANT: BATES, Stephen
; APPLICANT: FANTIN, Dennis
; TITLE OF INVENTION: COMPOSITIONS FOR INFERRING BOVINE TRAITS
; FILE REFERENCE: MM1100-2
; CURRENT APPLICATION NUMBER: US/10/750,185
; CURRENT FILING DATE: 2003-12-31
; PRIOR APPLICATION NUMBER: US 60/437,482
; PRIOR FILING DATE: 2002-12-31
; NUMBER OF SEQ ID NOS: 64922
; SOFTWARE: PatentIN version 3.1
; SEQ ID NO 13882
; LENGTH: 18

```

```

; TYPE: DNA
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: Reverse Primer
US-10-750-185-13882

Query Match      20.0%; Score 2; DB 7; Length 18;
Best Local Similarity 100.0%; Pred. No. 1.3e+03;
Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 3 RC 4
Db 3 RC 2

RESULT 191
US-10-750-185-14622
; Sequence 14622, Application US/10750185
; Publication No. US20050260603A1
; GENERAL INFORMATION:
; APPLICANT: MMI GENOMICS, INC.
; APPLICANT: DENISE, Sue K.
; APPLICANT: KERR, Richard
; APPLICANT: ROSENFELD, David
; APPLICANT: HOLM, Tom
; APPLICANT: BATES, Stephen
; APPLICANT: FANTIN, Dennis
; TITLE OF INVENTION: COMPOSITIONS FOR INFERRING BOVINE TRAITS
; FILE REFERENCE: MM1100-2
; CURRENT APPLICATION NUMBER: US/10/750,185
; CURRENT FILING DATE: 2003-12-31
; PRIOR APPLICATION NUMBER: US 60/437,482
; PRIOR FILING DATE: 2002-12-31
; NUMBER OF SEQ ID NOS: 64922
; SOFTWARE: PatentIN version 3.1
; SEQ ID NO 14622
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: Forward Primer
US-10-750-185-14622

Query Match      20.0%; Score 2; DB 7; Length 18;
Best Local Similarity 100.0%; Pred. No. 1.3e+03;
Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 3 RC 4
Db 8 RC 9

RESULT 192
US-10-750-185-14622/c
; Sequence 14622, Application US/10750185
; Publication No. US20050260603A1
; GENERAL INFORMATION:
; APPLICANT: MMI GENOMICS, INC.
; APPLICANT: DENISE, Sue K.
; APPLICANT: KERR, Richard
; APPLICANT: ROSENFELD, David
; APPLICANT: HOLM, Tom
; APPLICANT: BATES, Stephen
; APPLICANT: FANTIN, Dennis
; TITLE OF INVENTION: COMPOSITIONS FOR INFERRING BOVINE TRAITS
; FILE REFERENCE: MM1100-2
; CURRENT APPLICATION NUMBER: US/10/750,185
; CURRENT FILING DATE: 2003-12-31
; PRIOR APPLICATION NUMBER: US 60/437,482
; PRIOR FILING DATE: 2002-12-31
; NUMBER OF SEQ ID NOS: 64922
; SOFTWARE: PatentIN version 3.1
; SEQ ID NO 14622

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; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: Forward Primer
US-10-750-185-14622

Query Match          20.0%; Score 2; DB 7; Length 18;
Best Local Similarity 100.0%; Pred. No. 1.3e+03;
Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 7 GY 8
   ||
Db 9 GY 8

RESULT 193
US-10-750-185-16431
; Sequence 16431, Application US/10750185
; Publication No. US20050260603A1
; GENERAL INFORMATION:
; APPLICANT: MMI GENOMICS, INC.
; APPLICANT: DENISE, Sue K.
; APPLICANT: KERR, Richard
; APPLICANT: ROSENFELD, David
; APPLICANT: HOLM, Tom
; APPLICANT: BATES, Stephen
; APPLICANT: FANTIN, Dennis
; TITLE OF INVENTION: COMPOSITIONS FOR INFERRING BOVINE TRAITS
; FILE REFERENCE: MM1100-2
; CURRENT APPLICATION NUMBER: US/10/750,185
; PRIOR FILING DATE: 2003-12-31
; PRIOR APPLICATION NUMBER: US 60/437,482
; NUMBER OF SEQ ID NOS: 64922
; SOFTWARE: PatentIN version 3.1
; SEQ ID NO 16431
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: Forward Primer
US-10-750-185-16431

Query Match          20.0%; Score 2; DB 7; Length 18;
Best Local Similarity 100.0%; Pred. No. 1.3e+03;
Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 7 GY 8
   ||
Db 12 GY 13

RESULT 194
US-10-750-185-16431/c
; Sequence 16431, Application US/10750185
; Publication No. US20050260603A1
; GENERAL INFORMATION:
; APPLICANT: MMI GENOMICS, INC.
; APPLICANT: DENISE, Sue K.
; APPLICANT: KERR, Richard
; APPLICANT: ROSENFELD, David
; APPLICANT: HOLM, Tom
; APPLICANT: BATES, Stephen
; APPLICANT: FANTIN, Dennis
; TITLE OF INVENTION: COMPOSITIONS FOR INFERRING BOVINE TRAITS
; FILE REFERENCE: MM1100-2
; CURRENT APPLICATION NUMBER: US/10/750,185
; PRIOR FILING DATE: 2003-12-31
; PRIOR APPLICATION NUMBER: US 60/437,482
; NUMBER OF SEQ ID NOS: 64922
; SOFTWARE: PatentIN version 3.1
; SEQ ID NO 16431
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: Forward Primer
US-10-750-185-16431

Query Match          20.0%; Score 2; DB 7; Length 18;
Best Local Similarity 100.0%; Pred. No. 1.3e+03;
Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 7 GY 8
   ||
Db 12 GY 13

RESULT 195
US-10-750-185-16965
; Sequence 16965, Application US/10750185
; Publication No. US20050260603A1
; GENERAL INFORMATION:
; APPLICANT: MMI GENOMICS, INC.
; APPLICANT: DENISE, Sue K.
; APPLICANT: KERR, Richard
; APPLICANT: ROSENFELD, David
; APPLICANT: HOLM, Tom
; APPLICANT: BATES, Stephen
; APPLICANT: FANTIN, Dennis
; TITLE OF INVENTION: COMPOSITIONS FOR INFERRING BOVINE TRAITS
; FILE REFERENCE: MM1100-2
; CURRENT APPLICATION NUMBER: US/10/750,185
; PRIOR FILING DATE: 2003-12-31
; PRIOR APPLICATION NUMBER: US 60/437,482
; NUMBER OF SEQ ID NOS: 64922
; SOFTWARE: PatentIN version 3.1
; SEQ ID NO 16965
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: Forward Primer
US-10-750-185-16965

Query Match          20.0%; Score 2; DB 7; Length 18;
Best Local Similarity 100.0%; Pred. No. 1.3e+03;
Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 3 RC 4
   ||
Db 13 RC 12

RESULT 196
US-10-750-185-16965/c
; Sequence 16965, Application US/10750185
; Publication No. US20050260603A1
; GENERAL INFORMATION:
; APPLICANT: MMI GENOMICS, INC.
; APPLICANT: DENISE, Sue K.
; APPLICANT: KERR, Richard
; APPLICANT: ROSENFELD, David
; APPLICANT: HOLM, Tom
; APPLICANT: BATES, Stephen
; APPLICANT: FANTIN, Dennis
; TITLE OF INVENTION: COMPOSITIONS FOR INFERRING BOVINE TRAITS
; FILE REFERENCE: MM1100-2
; CURRENT APPLICATION NUMBER: US/10/750,185
; PRIOR FILING DATE: 2003-12-31
; PRIOR APPLICATION NUMBER: US 60/437,482
; NUMBER OF SEQ ID NOS: 64922
; SOFTWARE: PatentIN version 3.1
; SEQ ID NO 16965
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: Forward Primer
US-10-750-185-16965

Query Match          20.0%; Score 2; DB 7; Length 18;
Best Local Similarity 100.0%; Pred. No. 1.3e+03;
Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 3 RC 4
   ||
Db 5 RC 6

RESULT 196
US-10-750-185-16965/c
; Sequence 16965, Application US/10750185
; Publication No. US20050260603A1
; GENERAL INFORMATION:
; APPLICANT: MMI GENOMICS, INC.
; APPLICANT: DENISE, Sue K.
; APPLICANT: KERR, Richard
; APPLICANT: ROSENFELD, David
; APPLICANT: HOLM, Tom
; APPLICANT: BATES, Stephen
; APPLICANT: FANTIN, Dennis
; TITLE OF INVENTION: COMPOSITIONS FOR INFERRING BOVINE TRAITS
; FILE REFERENCE: MM1100-2
; CURRENT APPLICATION NUMBER: US/10/750,185
; PRIOR FILING DATE: 2003-12-31
; PRIOR APPLICATION NUMBER: US 60/437,482
; NUMBER OF SEQ ID NOS: 64922
; SOFTWARE: PatentIN version 3.1
; SEQ ID NO 16965
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: Forward Primer
US-10-750-185-16965

Query Match          20.0%; Score 2; DB 7; Length 18;
Best Local Similarity 100.0%; Pred. No. 1.3e+03;
Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 3 RC 4
   ||
Db 5 RC 6
```

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; SOFTWARE: PatentIN version 3.1
; SEQ ID NO 16965
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: Forward Primer
US-10-750-185-16965

Query Match      20.0%; Score 2; DB 7; Length 18;
Best Local Similarity 100.0%; Pred. No. 1.3e+03;
Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 7 GY 8
Db 6 GY 5

RESULT 197
US-10-750-185-16999
; Sequence 16999, Application US/10750185
; Publication No. US20050260603A1
; GENERAL INFORMATION:
; APPLICANT: MMI GENOMICS, INC.
; APPLICANT: DENISE, Sue K.
; APPLICANT: KERR, Richard
; APPLICANT: ROSENFELD, David
; APPLICANT: HOLM, Tom
; APPLICANT: BATES, Stephen
; APPLICANT: FANTIN, Dennis
; TITLE OF INVENTION: COMPOSITIONS FOR INFERRING BOVINE TRAITS
; FILE REFERENCE: MM1100-2
; CURRENT APPLICATION NUMBER: US/10/750,185
; CURRENT FILING DATE: 2003-12-31
; PRIOR APPLICATION NUMBER: US 60/437,482
; PRIOR FILING DATE: 2002-12-31
; NUMBER OF SEQ ID NOS: 64922
; SOFTWARE: PatentIN version 3.1
; SEQ ID NO 16999
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: Forward Primer
US-10-750-185-16999

Query Match      20.0%; Score 2; DB 7; Length 18;
Best Local Similarity 100.0%; Pred. No. 1.3e+03;
Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 7 GY 8
Db 2 GY 3

RESULT 198
US-10-750-185-16999/c
; Sequence 16999, Application US/10750185
; Publication No. US20050260603A1
; GENERAL INFORMATION:
; APPLICANT: MMI GENOMICS, INC.
; APPLICANT: DENISE, Sue K.
; APPLICANT: KERR, Richard
; APPLICANT: ROSENFELD, David
; APPLICANT: HOLM, Tom
; APPLICANT: BATES, Stephen
; APPLICANT: FANTIN, Dennis
; TITLE OF INVENTION: COMPOSITIONS FOR INFERRING BOVINE TRAITS
; FILE REFERENCE: MM1100-2
; CURRENT APPLICATION NUMBER: US/10/750,185
; CURRENT FILING DATE: 2003-12-31
; PRIOR APPLICATION NUMBER: US 60/437,482
; PRIOR FILING DATE: 2002-12-31
;

; NUMBER OF SEQ ID NOS: 64922
; SOFTWARE: PatentIN version 3.1
; SEQ ID NO 16999
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: Forward Primer
US-10-750-185-16999

Query Match      20.0%; Score 2; DB 7; Length 18;
Best Local Similarity 100.0%; Pred. No. 1.3e+03;
Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 3 RC 4
Db 3 RC 2

RESULT 199
US-10-860-388-12
; Sequence 12, Application US/10860388
; Publication No. US20050272044A1
; GENERAL INFORMATION:
; APPLICANT: Remacle, Jose
; APPLICANT: Hamels, Sandrine
; APPLICANT: Burteau, Sophie
; APPLICANT: Zammateo, Nathalie
; TITLE OF INVENTION: METHOD AND KIT FOR DETECTION AND/OR
; FILE REFERENCE: KLAUS5.001AUS
; CURRENT APPLICATION NUMBER: US/10/860,388
; CURRENT FILING DATE: 2004-06-02
; NUMBER OF SEQ ID NOS: 203
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 12
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: synthetic primer
US-10-860-388-12

Query Match      20.0%; Score 2; DB 7; Length 18;
Best Local Similarity 100.0%; Pred. No. 1.3e+03;
Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 4 CW 5
Db 6 CW 7

RESULT 200
US-10-860-388-12/c
; Sequence 12, Application US/10860388
; Publication No. US20050272044A1
; GENERAL INFORMATION:
; APPLICANT: Remacle, Jose
; APPLICANT: Hamels, Sandrine
; APPLICANT: Burteau, Sophie
; APPLICANT: Zammateo, Nathalie
; TITLE OF INVENTION: METHOD AND KIT FOR DETECTION AND/OR
; FILE REFERENCE: KLAUS5.001AUS
; CURRENT APPLICATION NUMBER: US/10/860,388
; CURRENT FILING DATE: 2004-06-02
; NUMBER OF SEQ ID NOS: 203
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 12
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
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; OTHER INFORMATION: synthetic primer
US-10-860-388-12

Query Match 20.0%; Score 2; DB 7; Length 18;
Best Local Similarity 100.0%; Pred. No. 1.3e+03;
Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 4 CW 5
Db 8 CW 7

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Job time : 934 secs

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OM nucleic - nucleic search, using sw model

Run on: January 31, 2006, 02:10:49 ; Search time 3430 Seconds
(without alignments)
161.200 Million cell updates/sec

Title: US-09-813-824B-3

Perfect score: 10

Sequence: 1 rrrcwggyy 10

Scoring table: OLIGO NUC

Gapop 60.0 , Gapext 60.0

Searched: 79147668 seqs, 27645789525 residues

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Total number of hits satisfying chosen parameters: 91431180

Minimum DB seq length: 0

Maximum DB seq length: 100

Post-processing: Listing first 1000 summaries

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3: /cgn2_6/ptodata/1/pna/PCTUSC_COMB.seq:*

4: /cgn2_6/ptodata/1/pna/US06_COMB.seq:*

5: /cgn2_6/ptodata/1/pna/US075_COMB.seq:*

6: /cgn2_6/ptodata/1/pna/US076_COMB.seq:*

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10: /cgn2_6/ptodata/1/pna/US080_COMB.seq:*

11: /cgn2_6/ptodata/1/pna/US081_COMB.seq:*

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19: /cgn2_6/ptodata/1/pna/US089_COMB.seq:*

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22: /cgn2_6/ptodata/1/pna/US092_COMB.seq:*

23: /cgn2_6/ptodata/1/pna/US093_COMB.seq:*

24: /cgn2_6/ptodata/1/pna/US094_COMB.seq:*

25: /cgn2_6/ptodata/1/pna/US095A_COMB.seq:*

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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

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4	10	100.0	10	13	US-08-330-535-30	Sequence 30, Appl
5	10	100.0	10	20	US-09-020-179-57	Sequence 57, Appl
6	10	100.0	10	20	US-09-020-179-57	Sequence 57, Appl
7	10	100.0	10	22	US-09-290-955-30	Sequence 30, Appl
8	10	100.0	10	22	US-09-290-955-30	Sequence 30, Appl
9	10	100.0	10	23	US-09-326-885-57	Sequence 57, Appl
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11	10	100.0	10	32	US-09-798-883B-57	Sequence 57, Appl
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C 341	3	30.0	12	1	PCT-US02-37222-78	Sequence 78, Appl	C 413	3	30.0	14	43	US-10-203-639-55	Sequence 55, Appl
C 342	3	30.0	12	1	PCT-US02-37222-78	Sequence 78, Appl	C 414	3	30.0	14	43	US-10-277-612-1	Sequence 1, Appl
C 343	3	30.0	12	7	US-07-748-999-3	Sequence 3, Appl	C 415	3	30.0	14	43	US-10-277-612-1	Sequence 1, Appl
C 344	3	30.0	12	7	US-07-748-999-3	Sequence 3, Appl	C 416	3	30.0	14	49	US-10-333-892-6	Sequence 6, Appl
C 345	3	30.0	12	21	US-09-124-670-9	Sequence 9, Appl	C 417	3	30.0	14	49	US-10-333-892-6	Sequence 6, Appl
C 346	3	30.0	12	21	US-09-124-670-9	Sequence 9, Appl	C 418	3	30.0	14	49	US-10-342-761-1	Sequence 1, Appl
C 347	3	30.0	12	21	US-09-124-670-9	Sequence 9, Appl	C 419	3	30.0	14	49	US-10-342-761-1	Sequence 1, Appl
C 348	3	30.0	12	21	US-09-124-670-9	Sequence 9, Appl	C 420	3	30.0	14	49	US-10-342-923-1	Sequence 1, Appl
C 349	3	30.0	12	21	US-09-124-670B-9	Sequence 9, Appl	C 421	3	30.0	14	49	US-10-342-923-1	Sequence 1, Appl
C 350	3	30.0	12	21	US-09-124-670B-9	Sequence 9, Appl	C 422	3	30.0	14	49	US-10-342-948-1	Sequence 1, Appl
C 351	3	30.0	12	21	US-09-124-670C-9	Sequence 9, Appl	C 423	3	30.0	14	49	US-10-342-948-1	Sequence 1, Appl
C 352	3	30.0	12	21	US-09-124-670C-9	Sequence 9, Appl	C 424	3	30.0	14	49	US-10-345-115-1	Sequence 1, Appl
C 353	3	30.0	12	21	US-09-124-670C-9	Sequence 9, Appl	C 425	3	30.0	14	49	US-10-345-115-1	Sequence 1, Appl
C 354	3	30.0	12	21	US-09-124-670D-9	Sequence 9, Appl	C 426	3	30.0	14	66	US-11-003-941A-105	Sequence 105, App
C 355	3	30.0	12	21	US-09-124-670D-9	Sequence 9, Appl	C 427	3	30.0	14	66	US-11-003-941A-105	Sequence 105, App
C 356	3	30.0	12	21	US-09-124-670E-9	Sequence 9, Appl	C 428	3	30.0	14	66	US-11-003-941A-209	Sequence 209, App
C 357	3	30.0	12	21	US-09-124-670E-9	Sequence 9, Appl	C 429	3	30.0	15	1	PCT-US02-35584-6	Sequence 6, Appl
C 358	3	30.0	12	45	US-10-300-011-78	Sequence 78, Appl	C 430	3	30.0	15	1	PCT-US02-35584-6	Sequence 6, Appl
C 359	3	30.0	12	45	US-10-300-011-78	Sequence 78, Appl	C 431	3	30.0	15	1	PCT-US02-35584A-6	Sequence 6, Appl
C 360	3	30.0	12	50	US-10-359-050-3	Sequence 3, Appl	C 432	3	30.0	15	1	PCT-US02-35584A-6	Sequence 6, Appl
C 361	3	30.0	12	50	US-10-359-050-3	Sequence 3, Appl	C 433	3	30.0	15	1	PCT-US03-11936A-183	Sequence 183, App
C 362	3	30.0	12	50	US-10-359-050-4	Sequence 4, Appl	C 434	3	30.0	15	1	PCT-US03-11936A-183	Sequence 183, App
C 363	3	30.0	12	50	US-10-380-710-697	Sequence 697, App	C 435	3	30.0	15	1	PCT-US03-11936A-219	Sequence 219, App
C 364	3	30.0	12	50	US-10-380-710-697	Sequence 697, App	C 436	3	30.0	15	1	PCT-US03-11936A-219	Sequence 219, App
C 365	3	30.0	13	1	PCT-US03-19366-15	Sequence 15, Appl	C 437	3	30.0	15	1	PCT-US03-11936A-313	Sequence 313, App
C 366	3	30.0	13	1	PCT-US03-19366-15	Sequence 15, Appl	C 438	3	30.0	15	1	PCT-US03-11936A-313	Sequence 313, App
C 367	3	30.0	13	6	US-07-683-441-23	Sequence 23, Appl	C 439	3	30.0	15	1	PCT-US03-11936A-421	Sequence 421, App
C 368	3	30.0	13	6	US-07-683-441-23	Sequence 23, Appl	C 440	3	30.0	15	1	PCT-US03-11936A-421	Sequence 421, App
C 369	3	30.0	13	12	US-08-292-902-17	Sequence 17, Appl	C 441	3	30.0	15	3	PCT-US05-08473-31	Sequence 31, Appl
C 370	3	30.0	13	12	US-08-292-902-17	Sequence 17, Appl	C 442	3	30.0	15	3	PCT-US05-08473-31	Sequence 31, Appl
C 371	3	30.0	13	12	US-08-292-902A-17	Sequence 17, Appl	C 443	3	30.0	15	11	US-08-115-456-4	Sequence 4, Appl
C 372	3	30.0	13	12	US-08-292-902A-17	Sequence 17, Appl	C 444	3	30.0	15	11	US-08-115-456-4	Sequence 4, Appl
C 373	3	30.0	13	14	US-08-488-529-17	Sequence 17, Appl	C 445	3	30.0	15	11	US-08-115-456-6	Sequence 6, Appl
C 374	3	30.0	13	14	US-08-488-529-17	Sequence 17, Appl	C 446	3	30.0	15	11	US-08-115-456-6	Sequence 6, Appl
C 375	3	30.0	13	15	US-08-515-190-66	Sequence 66, Appl	C 447	3	30.0	15	11	US-08-115-456-8	Sequence 8, Appl
C 376	3	30.0	13	15	US-08-515-190-66	Sequence 66, Appl	C 448	3	30.0	15	11	US-08-115-456-8	Sequence 8, Appl
C 377	3	30.0	13	33	US-09-816-763-67	Sequence 67, Appl	C 449	3	30.0	15	17	US-08-737-371-8	Sequence 8, Appl
C 378	3	30.0	13	33	US-09-816-763-67	Sequence 67, Appl	C 450	3	30.0	15	17	US-08-737-371-8	Sequence 8, Appl
C 379	3	30.0	13	53	US-10-602-837-15	Sequence 15, Appl	C 451	3	30.0	15	19	US-08-960-241-5	Sequence 5, Appl
C 380	3	30.0	13	53	US-10-602-837-15	Sequence 15, Appl	C 452	3	30.0	15	19	US-08-960-241-5	Sequence 5, Appl
C 381	3	30.0	13	62	US-10-821-568-67	Sequence 67, Appl	C 453	3	30.0	15	20	US-09-011-545-6	Sequence 6, Appl
C 382	3	30.0	13	62	US-10-821-568-67	Sequence 67, Appl	C 454	3	30.0	15	20	US-09-011-545-6	Sequence 6, Appl
C 383	3	30.0	14	1	PCT-US00-04251-14	Sequence 14, Appl	C 455	3	30.0	15	33	US-09-844-864B-27	Sequence 27, Appl
C 384	3	30.0	14	1	PCT-US00-04251-14	Sequence 14, Appl	C 456	3	30.0	15	33	US-09-844-864B-27	Sequence 27, Appl
C 385	3	30.0	14	1	PCT-US01-23368-6	Sequence 6, Appl	C 457	3	30.0	15	51	US-10-418-182-183	Sequence 183, App
C 386	3	30.0	14	1	PCT-US01-23368-6	Sequence 6, Appl	C 458	3	30.0	15	51	US-10-418-182-183	Sequence 183, App
C 387	3	30.0	14	1	PCT-US02-35405-1	Sequence 1, Appl	C 459	3	30.0	15	51	US-10-418-182-219	Sequence 219, App
C 388	3	30.0	14	1	PCT-US02-35405-1	Sequence 1, Appl	C 460	3	30.0	15	51	US-10-418-182-219	Sequence 219, App
							C 461	3	30.0	15	51	US-10-418-182-313	Sequence 313, App

c 462	3	30.0	15	51	US-10-418-182-313	Sequence 313, App	535	3	30.0	17	62	US-10-877-623-10	Sequence 10, Appl
c 463	3	30.0	15	51	US-10-418-182-421	Sequence 421, App	c 536	3	30.0	17	62	US-10-877-623-10	Sequence 10, Appl
c 464	3	30.0	15	51	US-10-418-182-421	Sequence 421, App	c 537	3	30.0	17	66	US-11-021-088-10	Sequence 10, Appl
c 465	3	30.0	15	55	US-10-706-466-5	Sequence 5, Appli	c 538	3	30.0	17	66	US-11-021-088-10	Sequence 10, Appl
c 466	3	30.0	15	55	US-10-706-466-5	Sequence 5, Appli	c 539	3	30.0	17	66	US-11-058-995-15	Sequence 15, Appl
c 467	3	30.0	15	62	US-10-833-951-6	Sequence 6, Appli	c 540	3	30.0	17	66	US-11-058-995-15	Sequence 15, Appl
c 468	3	30.0	15	62	US-10-833-951-6	Sequence 6, Appli	c 541	3	30.0	17	66	US-11-080-803-10	Sequence 10, Appl
c 469	3	30.0	15	64	US-10-980-856-27	Sequence 27, Appl	c 542	3	30.0	17	66	US-11-080-803-10	Sequence 10, Appl
c 470	3	30.0	15	64	US-10-980-856-27	Sequence 27, Appl	c 543	3	30.0	17	66	US-11-083-327-8	Sequence 8, Appli
c 471	3	30.0	15	66	US-11-079-933-31	Sequence 31, Appl	c 544	3	30.0	17	66	US-11-083-327-8	Sequence 8, Appli
c 472	3	30.0	15	66	US-11-079-933-31	Sequence 31, Appl	c 545	3	30.0	17	70	US-11-127-939-4	Sequence 4, Appli
c 473	3	30.0	16	8	US-07-894-498-3	Sequence 3, Appli	c 546	3	30.0	17	70	US-11-127-939-4	Sequence 4, Appli
c 474	3	30.0	16	8	US-07-894-498-3	Sequence 3, Appli	c 547	3	30.0	18	1	PCT-US02-33579-46	Sequence 46, Appl
c 475	3	30.0	16	19	US-08-948-958-11	Sequence 11, Appl	c 548	3	30.0	18	1	PCT-US02-33579-46	Sequence 46, Appl
c 476	3	30.0	16	19	US-08-948-958-11	Sequence 11, Appl	c 549	3	30.0	18	1	PCT-US03-12709-5	Sequence 5, Appli
c 477	3	30.0	16	19	US-08-949-160-7	Sequence 7, Appli	c 550	3	30.0	18	1	PCT-US03-12709-5	Sequence 5, Appli
c 478	3	30.0	16	19	US-08-949-160-7	Sequence 7, Appli	c 551	3	30.0	18	25	US-09-531-488-3	Sequence 3, Appli
c 479	3	30.0	16	21	US-09-189-329-10	Sequence 10, Appl	c 552	3	30.0	18	25	US-09-531-488-3	Sequence 3, Appli
c 480	3	30.0	16	21	US-09-189-329-10	Sequence 10, Appl	c 553	3	30.0	18	25	US-09-531-488B-3	Sequence 3, Appli
c 481	3	30.0	16	22	US-09-268-135-23	Sequence 23, Appl	c 554	3	30.0	18	25	US-09-531-488B-3	Sequence 3, Appli
c 482	3	30.0	16	22	US-09-268-135-23	Sequence 23, Appl	c 555	3	30.0	18	31	US-09-735-311-21	Sequence 21, Appl
c 483	3	30.0	16	22	US-09-272-450-32	Sequence 32, Appl	c 556	3	30.0	18	31	US-09-735-311-21	Sequence 21, Appl
c 484	3	30.0	16	22	US-09-272-450-32	Sequence 32, Appl	c 557	3	30.0	18	43	US-10-274-095-46	Sequence 46, Appl
c 485	3	30.0	16	22	US-09-357-603-4	Sequence 4, Appli	c 558	3	30.0	18	43	US-10-274-095-46	Sequence 46, Appl
c 486	3	30.0	16	23	US-09-357-603-4	Sequence 4, Appli	c 559	3	30.0	18	43	US-10-279-061-3	Sequence 3, Appli
c 487	3	30.0	16	31	US-09-754-014-11	Sequence 11, Appl	c 560	3	30.0	18	43	US-10-279-061-3	Sequence 3, Appli
c 488	3	30.0	16	31	US-09-754-014-11	Sequence 11, Appl	c 561	3	30.0	18	54	US-10-666-022-24	Sequence 24, Appl
c 489	3	30.0	16	31	US-09-754-014A-11	Sequence 11, Appl	c 562	3	30.0	18	54	US-10-666-022-24	Sequence 24, Appl
c 490	3	30.0	16	31	US-09-754-014A-11	Sequence 11, Appl	c 563	3	30.0	18	64	US-10-971-643-5	Sequence 5, Appli
c 491	3	30.0	16	33	US-09-836-866-7	Sequence 7, Appli	c 564	3	30.0	18	64	US-10-971-643-5	Sequence 5, Appli
c 492	3	30.0	16	33	US-09-836-866-7	Sequence 7, Appli	c 565	3	30.0	19	3	PCT-US04-18858-3	Sequence 3, Appli
c 493	3	30.0	16	40	US-10-018-929A-11	Sequence 11, Appl	c 566	3	30.0	19	3	PCT-US04-18858-3	Sequence 3, Appli
c 494	3	30.0	16	40	US-10-018-929A-11	Sequence 11, Appl	c 567	3	30.0	19	3	PCT-US04-18858-4	Sequence 4, Appli
c 495	3	30.0	16	40	US-10-018-929C-11	Sequence 11, Appl	c 568	3	30.0	19	3	PCT-US04-18858-4	Sequence 4, Appli
c 496	3	30.0	16	40	US-10-018-929C-11	Sequence 11, Appl	c 569	3	30.0	19	3	PCT-US04-18858-31	Sequence 31, Appl
c 497	3	30.0	17	3	PCT-US97-17900-18	Sequence 18, Appl	c 570	3	30.0	19	3	PCT-US04-18858-31	Sequence 31, Appl
c 498	3	30.0	17	3	PCT-US97-17900-18	Sequence 18, Appl	c 571	3	30.0	19	3	PCT-US04-18858-32	Sequence 32, Appl
c 499	3	30.0	17	3	PCT-US97-17900-19	Sequence 19, Appl	c 572	3	30.0	19	3	PCT-US04-18858-32	Sequence 32, Appl
c 500	3	30.0	17	3	PCT-US97-17900-19	Sequence 19, Appl	c 573	3	30.0	19	12	US-08-259-671-10	Sequence 10, Appl
c 501	3	30.0	17	12	US-08-259-671-11	Sequence 11, Appl	c 574	3	30.0	19	12	US-08-259-671-10	Sequence 10, Appl
c 502	3	30.0	17	12	US-08-259-671-11	Sequence 11, Appl	c 575	3	30.0	19	14	US-08-459-841-10	Sequence 10, Appl
c 503	3	30.0	17	14	US-08-459-841-11	Sequence 11, Appl	c 576	3	30.0	19	14	US-08-459-841-10	Sequence 10, Appl
c 504	3	30.0	17	14	US-08-459-841-11	Sequence 11, Appl	c 577	3	30.0	19	33	US-09-816-763-19	Sequence 19, Appl
c 505	3	30.0	17	19	US-08-940-687-18	Sequence 18, Appl	c 578	3	30.0	19	33	US-09-816-763-19	Sequence 19, Appl
c 506	3	30.0	17	19	US-08-940-687-18	Sequence 18, Appl	c 579	3	30.0	19	33	US-09-816-763-20	Sequence 20, Appl
c 507	3	30.0	17	19	US-08-940-687-19	Sequence 19, Appl	c 580	3	30.0	19	33	US-09-816-763-20	Sequence 20, Appl
c 508	3	30.0	17	19	US-08-940-687-19	Sequence 19, Appl	c 581	3	30.0	19	33	US-09-857-408-39	Sequence 39, Appl
c 509	3	30.0	17	20	US-09-023-570-16	Sequence 16, Appl	c 582	3	30.0	19	33	US-09-857-408-39	Sequence 39, Appl
c 510	3	30.0	17	20	US-09-023-570-16	Sequence 16, Appl	c 583	3	30.0	19	40	US-10-067-956-43	Sequence 43, Appl
c 511	3	30.0	17	20	US-09-058-485-54	Sequence 54, Appl	c 584	3	30.0	19	40	US-10-067-956-43	Sequence 43, Appl
c 512	3	30.0	17	20	US-09-058-485-54	Sequence 54, Appl	c 585	3	30.0	19	54	US-10-636-065-209	Sequence 209, App
c 513	3	30.0	17	21	US-09-179-614-21	Sequence 21, Appl	c 586	3	30.0	19	54	US-10-636-065-209	Sequence 209, App
c 514	3	30.0	17	21	US-09-179-614-21	Sequence 21, Appl	c 587	3	30.0	19	54	US-10-636-065-211	Sequence 211, App
c 515	3	30.0	17	22	US-09-207-120-10	Sequence 10, Appl	c 588	3	30.0	19	54	US-10-636-065-211	Sequence 211, App
c 516	3	30.0	17	22	US-09-207-120-10	Sequence 10, Appl	c 589	3	30.0	19	54	US-10-666-022-25	Sequence 25, Appl
c 517	3	30.0	17	23	US-09-304-216-10	Sequence 10, Appl	c 590	3	30.0	19	54	US-10-666-022-25	Sequence 25, Appl
c 518	3	30.0	17	23	US-09-304-216-10	Sequence 10, Appl	c 591	3	30.0	19	54	US-10-666-022-35	Sequence 35, Appl
c 519	3	30.0	17	24	US-09-428-118-29	Sequence 29, Appl	c 592	3	30.0	19	54	US-10-666-022-35	Sequence 35, Appl
c 520	3	30.0	17	24	US-09-428-118-29	Sequence 29, Appl	c 593	3	30.0	19	62	US-10-821-568-19	Sequence 19, Appl
c 521	3	30.0	17	31	US-09-706-968-10	Sequence 10, Appl	c 594	3	30.0	19	62	US-10-821-568-19	Sequence 19, Appl
c 522	3	30.0	17	31	US-09-706-968-10	Sequence 10, Appl	c 595	3	30.0	19	62	US-10-821-568-20	Sequence 20, Appl
c 523	3	30.0	17	33	US-09-836-705-4	Sequence 4, Appli	c 596	3	30.0	19	62	US-10-821-568-20	Sequence 20, Appl
c 524	3	30.0	17	33	US-09-836-705-4	Sequence 4, Appli	c 597	3	30.0	19	62	US-10-865-423-3	Sequence 3, Appli
c 525	3	30.0	17	34	US-09-892-867-5	Sequence 5, Appli	c 598	3	30.0	19	62	US-10-865-423-3	Sequence 3, Appli
c 526	3	30.0	17	34	US-09-892-867-5	Sequence 5, Appli	c 599	3	30.0	19	62	US-10-865-423-4	Sequence 4, Appli
c 527	3	30.0	17	48	US-10-302-534-29	Sequence 29, Appl	c 600	3	30.0	19	62	US-10-865-423-4	Sequence 4, Appli
c 528	3	30.0	17	48	US-10-302-534-29	Sequence 29, Appl	c 601	3	30.0	19	62	US-10-865-423-31	Sequence 31, Appl
c 529	3	30.0	17	49	US-10-338-237-16	Sequence 16, Appl	c 602	3	30.0	19	62	US-10-865-423-31	Sequence 31, Appl
c 530	3	30.0	17	49	US-10-338-237-16	Sequence 16, Appl	c 603	3	30.0	19	62	US-10-865-423-32	Sequence 32, Appl
c 531	3	30.0	17	51	US-10-404-300A-28	Sequence 28, Appl	c 604	3	30.0	19	62	US-10-865-423-32	Sequence 32, Appl
c 532	3	30.0	17	51	US-10-404-300A-28	Sequence 28, Appl	c 605	3	30.0	19	62	US-10-865-423-32	Sequence 32, Appl
c 533	3	30.0	17	61	US-10-727-516-5	Sequence 5, Appli	c 606	3	30.0	19	62	US-10-898-106-43	Sequence 43, Appl
c 534	3	30.0	17	61	US-10-727-516-5	Sequence 5, Appli	c 607	3	30.0	20	1	PCT-US02-21075-44	Sequence 44, Appl

C 608	3	30.0	20	1	PCT-US02-21075-44	Sequence 44, Appl	681	3	30.0	21	3	PCT-US99-19902-5	Sequence 5, Appl
C 609	3	30.0	20	1	PCT-US03-00479-54	Sequence 54, Appl	C 682	3	30.0	21	3	PCT-US99-19902-5	Sequence 5, Appl
C 610	3	30.0	20	1	PCT-US03-00479-54	Sequence 54, Appl	C 683	3	30.0	21	3	PCT-US99-19902A-5	Sequence 5, Appl
C 611	3	30.0	20	3	PCT-US03-00770-6	Sequence 6, Appl	C 684	3	30.0	21	3	PCT-US99-19902A-5	Sequence 5, Appl
C 612	3	30.0	20	3	PCT-US05-03770-6	Sequence 6, Appl	C 685	3	30.0	21	22	US-09-203-643-9	Sequence 9, Appl
C 613	3	30.0	20	3	PCT-US05-24054-425	Sequence 425, App	C 686	3	30.0	21	22	US-09-203-643-9	Sequence 9, Appl
C 614	3	30.0	20	3	PCT-US05-24054-425	Sequence 425, App	C 687	3	30.0	21	22	US-09-203-643-11	Sequence 11, Appl
C 615	3	30.0	20	3	PCT-US05-23962-3	Sequence 3, Appl	C 688	3	30.0	21	22	US-09-203-643-11	Sequence 11, Appl
C 616	3	30.0	20	3	PCT-US05-33962-3	Sequence 3, Appl	C 689	3	30.0	21	30	US-09-693-553A-145	Sequence 145, App
C 617	3	30.0	20	6	US-07-670-609-7	Sequence 7, Appl	C 690	3	30.0	21	30	US-09-693-553A-145	Sequence 145, App
C 618	3	30.0	20	6	US-07-670-609-7	Sequence 7, Appl	C 691	3	30.0	21	31	US-09-735-311-76	Sequence 76, Appl
C 619	3	30.0	20	12	US-08-261-054-4	Sequence 4, Appl	C 692	3	30.0	21	31	US-09-735-311-76	Sequence 76, Appl
C 620	3	30.0	20	12	US-08-261-054-4	Sequence 4, Appl	C 693	3	30.0	21	31	US-09-735-311-78	Sequence 78, Appl
C 621	3	30.0	20	12	US-08-261-054-6	Sequence 6, Appl	C 694	3	30.0	21	31	US-09-735-311-78	Sequence 78, Appl
C 622	3	30.0	20	12	US-08-261-054-6	Sequence 6, Appl	C 695	3	30.0	21	31	US-09-735-311-107	Sequence 107, App
C 623	3	30.0	20	12	US-08-261-054-6	Sequence 6, Appl	C 696	3	30.0	21	31	US-09-735-311-107	Sequence 107, App
C 624	3	30.0	20	23	US-09-303-510-29	Sequence 23, Appl	C 697	3	30.0	21	31	US-09-735-311-109	Sequence 109, App
C 625	3	30.0	20	23	US-09-303-510-29	Sequence 23, Appl	C 698	3	30.0	21	31	US-09-735-311-109	Sequence 109, App
C 626	3	30.0	20	28	US-09-628-104-5	Sequence 5, Appl	C 699	3	30.0	21	31	US-09-754-014A-18	Sequence 18, Appl
C 627	3	30.0	20	28	US-09-628-104-5	Sequence 5, Appl	C 700	3	30.0	21	31	US-09-754-014A-18	Sequence 18, Appl
C 628	3	30.0	20	29	US-09-641-372-41	Sequence 41, Appl	C 701	3	30.0	21	36	US-09-928-267-3	Sequence 3, Appl
C 629	3	30.0	20	29	US-09-641-372-41	Sequence 41, Appl	C 702	3	30.0	21	36	US-09-928-267-3	Sequence 3, Appl
C 630	3	30.0	20	40	US-10-088-117A-22	Sequence 22, Appl	C 703	3	30.0	21	42	US-10-130-533-48	Sequence 48, Appl
C 631	3	30.0	20	40	US-10-088-117A-22	Sequence 22, Appl	C 704	3	30.0	21	42	US-10-130-533-48	Sequence 48, Appl
C 632	3	30.0	20	40	US-10-089-177-936	Sequence 936, App	C 705	3	30.0	21	50	US-10-377-133-20	Sequence 20, Appl
C 633	3	30.0	20	40	US-10-089-177-936	Sequence 936, App	C 706	3	30.0	21	50	US-10-377-133-20	Sequence 20, Appl
C 634	3	30.0	20	42	US-10-129-518-19	Sequence 19, Appl	C 707	3	30.0	21	50	US-10-377-133-28	Sequence 28, Appl
C 635	3	30.0	20	42	US-10-129-518-19	Sequence 19, Appl	C 708	3	30.0	21	50	US-10-377-133-28	Sequence 28, Appl
C 636	3	30.0	20	43	US-10-243-351-3	Sequence 3, Appl	C 709	3	30.0	21	50	US-10-377-133-30	Sequence 30, Appl
C 637	3	30.0	20	43	US-10-243-351-3	Sequence 3, Appl	C 710	3	30.0	21	50	US-10-377-133-30	Sequence 30, Appl
C 638	3	30.0	20	43	US-10-243-501-4	Sequence 4, Appl	C 711	3	30.0	21	50	US-10-379-996-20	Sequence 20, Appl
C 639	3	30.0	20	43	US-10-243-501-4	Sequence 4, Appl	C 712	3	30.0	21	50	US-10-379-996-20	Sequence 20, Appl
C 640	3	30.0	20	49	US-10-338-110-54	Sequence 54, Appl	C 713	3	30.0	21	51	US-10-407-897-48	Sequence 48, Appl
C 641	3	30.0	20	49	US-10-338-110-54	Sequence 54, Appl	C 714	3	30.0	21	51	US-10-407-897-48	Sequence 48, Appl
C 642	3	30.0	20	51	US-10-404-300A-30	Sequence 30, Appl	C 715	3	30.0	21	51	US-10-418-182-99	Sequence 99, Appl
C 643	3	30.0	20	51	US-10-404-300A-30	Sequence 30, Appl	C 716	3	30.0	21	51	US-10-418-182-99	Sequence 99, Appl
C 644	3	30.0	20	51	US-10-482-673-44	Sequence 44, Appl	C 717	3	30.0	21	51	US-10-418-182-311	Sequence 311, App
C 645	3	30.0	20	51	US-10-482-673-44	Sequence 44, Appl	C 718	3	30.0	21	51	US-10-418-182-311	Sequence 311, App
C 646	3	30.0	20	54	US-10-641-665A-1	Sequence 1, Appl	C 719	3	30.0	21	51	US-10-433-244-12	Sequence 12, Appl
C 647	3	30.0	20	54	US-10-641-665A-1	Sequence 1, Appl	C 720	3	30.0	21	51	US-10-433-244-12	Sequence 12, Appl
C 648	3	30.0	20	54	US-10-641-665A-30	Sequence 30, Appl	C 721	3	30.0	21	54	US-10-666-022-27	Sequence 27, Appl
C 649	3	30.0	20	54	US-10-641-665A-30	Sequence 30, Appl	C 722	3	30.0	21	54	US-10-666-022-27	Sequence 27, Appl
C 650	3	30.0	20	54	US-10-666-022-26	Sequence 26, Appl	C 723	3	30.0	21	54	US-10-666-022-37	Sequence 37, Appl
C 651	3	30.0	20	54	US-10-666-022-26	Sequence 26, Appl	C 724	3	30.0	21	54	US-10-666-022-37	Sequence 37, Appl
C 652	3	30.0	20	54	US-10-666-022-36	Sequence 36, Appl	C 725	3	30.0	21	54	US-10-666-022-47	Sequence 47, Appl
C 653	3	30.0	20	54	US-10-666-022-36	Sequence 36, Appl	C 726	3	30.0	21	54	US-10-666-022-47	Sequence 47, Appl
C 654	3	30.0	20	54	US-10-666-022-46	Sequence 46, Appl	C 727	3	30.0	21	54	US-10-666-022-57	Sequence 57, Appl
C 655	3	30.0	20	54	US-10-666-022-46	Sequence 46, Appl	C 728	3	30.0	21	54	US-10-666-022-57	Sequence 57, Appl
C 656	3	30.0	20	54	US-10-666-022-101	Sequence 101, App	C 729	3	30.0	21	54	US-10-666-022-102	Sequence 102, App
C 657	3	30.0	20	54	US-10-666-022-101	Sequence 101, App	C 730	3	30.0	21	54	US-10-666-022-102	Sequence 102, App
C 658	3	30.0	20	61	US-10-729-172-36	Sequence 36, Appl	C 731	3	30.0	21	54	US-10-666-022-112	Sequence 112, App
C 659	3	30.0	20	61	US-10-729-172-36	Sequence 36, Appl	C 732	3	30.0	21	54	US-10-666-022-112	Sequence 112, App
C 660	3	30.0	20	66	US-11-051-668A-6	Sequence 6, Appl	C 733	3	30.0	21	61	US-10-776-399A-291	Sequence 291, App
C 661	3	30.0	20	66	US-11-051-668A-6	Sequence 6, Appl	C 734	3	30.0	21	61	US-10-776-399A-291	Sequence 291, App
C 662	3	30.0	20	71	US-11-177-646-425	Sequence 425, App	C 735	3	30.0	21	63	US-10-920-899-1398	Sequence 1398, Ap
C 663	3	30.0	20	71	US-11-177-646-425	Sequence 425, App	C 736	3	30.0	21	63	US-10-920-899-1398	Sequence 1398, Ap
C 664	3	30.0	20	72	US-11-233-489-3	Sequence 3, Appl	C 737	3	30.0	21	66	US-11-040-580-29	Sequence 29, Appl
C 665	3	30.0	20	72	US-11-233-489-3	Sequence 3, Appl	C 738	3	30.0	21	66	US-11-040-580-29	Sequence 29, Appl
C 666	3	30.0	20	75	US-60-170-214-19	Sequence 19, Appl	C 739	3	30.0	21	66	US-11-041-318-29	Sequence 29, Appl
C 667	3	30.0	20	75	US-60-170-214-19	Sequence 19, Appl	C 740	3	30.0	21	66	US-11-041-318-29	Sequence 29, Appl
C 668	3	30.0	21	1	PCT-US03-06087-20	Sequence 20, Appl	C 741	3	30.0	21	66	US-11-041-471-29	Sequence 29, Appl
C 669	3	30.0	21	1	PCT-US03-06087-20	Sequence 20, Appl	C 742	3	30.0	21	66	US-11-041-471-29	Sequence 29, Appl
C 670	3	30.0	21	1	PCT-US03-06087-28	Sequence 28, Appl	C 743	3	30.0	21	66	US-11-041-763-29	Sequence 29, Appl
C 671	3	30.0	21	1	PCT-US03-06087-30	Sequence 30, Appl	C 744	3	30.0	21	66	US-11-041-763-29	Sequence 29, Appl
C 672	3	30.0	21	1	PCT-US03-06087-30	Sequence 30, Appl	C 745	3	30.0	21	77	US-60-259-679-45	Sequence 45, Appl
C 673	3	30.0	21	1	PCT-US03-06087-30	Sequence 30, Appl	C 746	3	30.0	21	77	US-60-259-679-45	Sequence 45, Appl
C 674	3	30.0	21	1	PCT-US03-11936A-99	Sequence 99, Appl	C 747	3	30.0	22	3	PCT-US04-43501-11	Sequence 11, Appl
C 675	3	30.0	21	1	PCT-US03-11936A-311	Sequence 311, App	C 748	3	30.0	22	3	PCT-US04-43501-11	Sequence 11, Appl
C 676	3	30.0	21	1	PCT-US03-11936A-311	Sequence 311, App	C 749	3	30.0	22	3	PCT-US04-43541-11	Sequence 11, Appl
C 677	3	30.0	21	1	PCT-US03-36555-29	Sequence 29, Appl	C 750	3	30.0	22	3	PCT-US04-43541-11	Sequence 11, Appl
C 678	3	30.0	21	1	PCT-US03-36555-29	Sequence 29, Appl	C 751	3	30.0	22	21	US-09-172-946-5	Sequence 5, Appl
C 679	3	30.0	21	3	PCT-US05-01574A-29	Sequence 29, Appl	C 752	3	30.0	22	21	US-09-172-946-5	Sequence 5, Appl
C 680	3	30.0	21	3	PCT-US05-01574A-29	Sequence 29, Appl	C 753	3	30.0	22	36	US-09-934-113-10	Sequence 10, Appl

c 754	3	30.0	22	36	US-09-934-113-10	Sequence 10, Appl	827	3	30.0	24	3	PCT-US04-16118-4	Sequence 4, Appl
c 755	3	30.0	22	54	US-10-666-022-28	Sequence 28, Appl	c 828	3	30.0	24	3	PCT-US04-16118-4	Sequence 4, Appl
c 756	3	30.0	22	54	US-10-666-022-28	Sequence 28, Appl	c 829	3	30.0	24	15	US-08-513-974-15	Sequence 15, Appl
c 757	3	30.0	22	54	US-10-666-022-38	Sequence 38, Appl	c 830	3	30.0	24	15	US-08-513-974-15	Sequence 15, Appl
c 758	3	30.0	22	54	US-10-666-022-38	Sequence 38, Appl	c 831	3	30.0	24	32	US-09-785-632-82	Sequence 82, Appl
c 759	3	30.0	22	54	US-10-666-022-48	Sequence 48, Appl	c 832	3	30.0	24	32	US-09-785-632-82	Sequence 82, Appl
c 760	3	30.0	22	54	US-10-666-022-48	Sequence 48, Appl	c 833	3	30.0	24	32	US-09-785-632-82	Sequence 82, Appl
c 761	3	30.0	22	54	US-10-666-022-58	Sequence 58, Appl	c 834	3	30.0	24	32	US-09-785-632A-82	Sequence 82, Appl
c 762	3	30.0	22	54	US-10-666-022-58	Sequence 58, Appl	c 835	3	30.0	24	32	US-09-785-632B-82	Sequence 82, Appl
c 763	3	30.0	22	54	US-10-666-022-68	Sequence 68, Appl	c 836	3	30.0	24	32	US-09-785-632B-82	Sequence 82, Appl
c 764	3	30.0	22	54	US-10-666-022-68	Sequence 68, Appl	c 837	3	30.0	24	32	US-09-785-632C-82	Sequence 82, Appl
c 765	3	30.0	22	54	US-10-666-022-103	Sequence 103, App	c 838	3	30.0	24	32	US-09-785-632C-82	Sequence 82, Appl
c 766	3	30.0	22	54	US-10-666-022-103	Sequence 103, App	c 839	3	30.0	24	32	US-09-785-632D-82	Sequence 82, Appl
c 767	3	30.0	22	54	US-10-666-022-113	Sequence 113, App	c 840	3	30.0	24	32	US-09-785-632D-82	Sequence 82, Appl
c 768	3	30.0	22	54	US-10-666-022-113	Sequence 113, App	c 841	3	30.0	24	40	US-10-080-263C-7	Sequence 7, Appl
c 769	3	30.0	22	54	US-10-666-022-123	Sequence 123, App	c 842	3	30.0	24	40	US-10-080-263C-7	Sequence 7, Appl
c 770	3	30.0	22	54	US-10-666-022-123	Sequence 123, App	c 843	3	30.0	24	43	US-10-223-765-82	Sequence 82, Appl
c 771	3	30.0	22	62	US-10-870-110-1	Sequence 1, Appl	c 844	3	30.0	24	43	US-10-223-765-82	Sequence 82, Appl
c 772	3	30.0	22	62	US-10-870-110-1	Sequence 1, Appl	c 845	3	30.0	24	43	US-10-278-087A-15	Sequence 15, Appl
c 773	3	30.0	22	64	US-10-980-856-46	Sequence 46, Appl	c 846	3	30.0	24	43	US-10-278-087A-15	Sequence 15, Appl
c 774	3	30.0	22	64	US-10-980-856-46	Sequence 46, Appl	c 847	3	30.0	24	52	US-10-548-484-1	Sequence 1, Appl
c 775	3	30.0	23	19	US-08-933-002-6	Sequence 6, Appl	c 848	3	30.0	24	52	US-10-548-484-1	Sequence 1, Appl
c 776	3	30.0	23	19	US-08-933-002-6	Sequence 6, Appl	c 849	3	30.0	24	54	US-10-666-022-30	Sequence 30, Appl
c 777	3	30.0	23	19	US-08-933-002A-6	Sequence 6, Appl	c 850	3	30.0	24	54	US-10-666-022-30	Sequence 30, Appl
c 778	3	30.0	23	19	US-08-933-002A-6	Sequence 6, Appl	c 851	3	30.0	24	54	US-10-666-022-40	Sequence 40, Appl
c 779	3	30.0	23	24	US-09-468-147-148	Sequence 148, App	c 852	3	30.0	24	54	US-10-666-022-40	Sequence 40, Appl
c 780	3	30.0	23	24	US-09-468-147-148	Sequence 148, App	c 853	3	30.0	24	54	US-10-666-022-50	Sequence 50, Appl
c 781	3	30.0	23	24	US-09-468-147-255	Sequence 255, App	c 854	3	30.0	24	54	US-10-666-022-50	Sequence 50, Appl
c 782	3	30.0	23	24	US-09-468-147-255	Sequence 255, App	c 855	3	30.0	24	54	US-10-666-022-60	Sequence 60, Appl
c 783	3	30.0	23	31	US-09-735-311-62	Sequence 62, Appl	c 856	3	30.0	24	54	US-10-666-022-60	Sequence 60, Appl
c 784	3	30.0	23	31	US-09-735-311-62	Sequence 62, Appl	c 857	3	30.0	24	54	US-10-666-022-70	Sequence 70, Appl
c 785	3	30.0	23	31	US-09-735-311-64	Sequence 64, Appl	c 858	3	30.0	24	54	US-10-666-022-70	Sequence 70, Appl
c 786	3	30.0	23	31	US-09-735-311-64	Sequence 64, Appl	c 859	3	30.0	24	54	US-10-666-022-80	Sequence 80, Appl
c 787	3	30.0	23	33	US-09-808-693-30	Sequence 30, Appl	c 860	3	30.0	24	54	US-10-666-022-80	Sequence 80, Appl
c 788	3	30.0	23	33	US-09-808-693-30	Sequence 30, Appl	c 861	3	30.0	24	54	US-10-666-022-90	Sequence 90, Appl
c 789	3	30.0	23	38	US-09-971-309-48	Sequence 48, Appl	c 862	3	30.0	24	54	US-10-666-022-90	Sequence 90, Appl
c 790	3	30.0	23	38	US-09-971-309-48	Sequence 48, Appl	c 863	3	30.0	24	54	US-10-666-022-105	Sequence 105, App
c 791	3	30.0	23	43	US-10-258-107-15	Sequence 15, Appl	c 864	3	30.0	24	54	US-10-666-022-105	Sequence 105, App
c 792	3	30.0	23	43	US-10-258-107-15	Sequence 15, Appl	c 865	3	30.0	24	54	US-10-666-022-115	Sequence 115, App
c 793	3	30.0	23	43	US-10-258-107B-15	Sequence 15, Appl	c 866	3	30.0	24	54	US-10-666-022-115	Sequence 115, App
c 794	3	30.0	23	49	US-10-319-745-148	Sequence 148, App	c 867	3	30.0	24	54	US-10-666-022-125	Sequence 125, App
c 795	3	30.0	23	49	US-10-319-745-148	Sequence 148, App	c 868	3	30.0	24	54	US-10-666-022-125	Sequence 125, App
c 796	3	30.0	23	49	US-10-319-745-255	Sequence 255, App	c 869	3	30.0	24	54	US-10-666-022-135	Sequence 135, App
c 797	3	30.0	23	49	US-10-319-745-255	Sequence 255, App	c 870	3	30.0	24	54	US-10-666-022-135	Sequence 135, App
c 798	3	30.0	23	50	US-10-319-745-255	Sequence 255, App	c 871	3	30.0	24	54	US-10-666-022-145	Sequence 145, App
c 799	3	30.0	23	50	US-10-362-091-21	Sequence 21, Appl	c 872	3	30.0	24	54	US-10-666-022-145	Sequence 145, App
c 800	3	30.0	23	50	US-10-362-091-21	Sequence 21, Appl	c 873	3	30.0	24	61	US-10-770-824-78	Sequence 78, Appl
c 801	3	30.0	23	54	US-10-637-544-11	Sequence 11, Appl	c 874	3	30.0	24	61	US-10-770-824-78	Sequence 78, Appl
c 802	3	30.0	23	54	US-10-637-544-11	Sequence 11, Appl	c 875	3	30.0	25	2	PCT-US03-41761-8955	Sequence 8955, Ap
c 803	3	30.0	23	54	US-10-666-022-29	Sequence 29, Appl	c 876	3	30.0	25	2	PCT-US03-41761-8955	Sequence 8955, Ap
c 804	3	30.0	23	54	US-10-666-022-29	Sequence 29, Appl	c 877	3	30.0	25	2	PCT-US03-41766A-8955	Sequence 8955, Ap
c 805	3	30.0	23	54	US-10-666-022-39	Sequence 39, Appl	c 878	3	30.0	25	2	PCT-US03-41766A-8955	Sequence 8955, Ap
c 806	3	30.0	23	54	US-10-666-022-39	Sequence 39, Appl	c 879	3	30.0	25	6	US-07-633-095-7	Sequence 7, Appl
c 807	3	30.0	23	54	US-10-666-022-49	Sequence 49, Appl	c 880	3	30.0	25	6	US-07-633-095-7	Sequence 7, Appl
c 808	3	30.0	23	54	US-10-666-022-49	Sequence 49, Appl	c 881	3	30.0	25	12	US-08-203-056-1	Sequence 1, Appl
c 809	3	30.0	23	54	US-10-666-022-59	Sequence 59, Appl	c 882	3	30.0	25	12	US-08-203-056-1	Sequence 1, Appl
c 810	3	30.0	23	54	US-10-666-022-59	Sequence 59, Appl	c 883	3	30.0	25	19	US-08-979-917-15	Sequence 15, Appl
c 811	3	30.0	23	54	US-10-666-022-69	Sequence 69, Appl	c 884	3	30.0	25	19	US-08-979-917-15	Sequence 15, Appl
c 812	3	30.0	23	54	US-10-666-022-69	Sequence 69, Appl	c 885	3	30.0	25	19	US-08-979-917-15	Sequence 15, Appl
c 813	3	30.0	23	54	US-10-666-022-79	Sequence 79, Appl	c 886	3	30.0	25	24	US-09-482-491-15	Sequence 15, Appl
c 814	3	30.0	23	54	US-10-666-022-79	Sequence 79, Appl	c 887	3	30.0	25	24	US-09-482-491-15	Sequence 15, Appl
c 815	3	30.0	23	54	US-10-666-022-104	Sequence 104, App	c 888	3	30.0	25	43	US-10-275-323A-50	Sequence 50, Appl
c 816	3	30.0	23	54	US-10-666-022-104	Sequence 104, App	c 889	3	30.0	25	43	US-10-275-323A-50	Sequence 50, Appl
c 817	3	30.0	23	54	US-10-666-022-114	Sequence 114, App	c 890	3	30.0	25	43	US-10-275-323A-66	Sequence 66, Appl
c 818	3	30.0	23	54	US-10-666-022-114	Sequence 114, App	c 891	3	30.0	25	51	US-10-432-236A-79	Sequence 79, Appl
c 819	3	30.0	23	54	US-10-666-022-124	Sequence 124, App	c 892	3	30.0	25	51	US-10-432-236A-79	Sequence 79, Appl
c 820	3	30.0	23	54	US-10-666-022-124	Sequence 124, App	c 893	3	30.0	25	52	US-10-548-484-3	Sequence 3, Appl
c 821	3	30.0	23	54	US-10-666-022-134	Sequence 134, App	c 894	3	30.0	25	52	US-10-548-484-3	Sequence 3, Appl
c 822	3	30.0	23	54	US-10-666-022-134	Sequence 134, App	c 895	3	30.0	25	54	US-10-666-022-31	Sequence 31, Appl
c 823	3	30.0	23	62	US-10-819-275-11	Sequence 11, Appl	c 896	3	30.0	25	54	US-10-666-022-31	Sequence 31, Appl
c 824	3	30.0	23	62	US-10-819-275-11	Sequence 11, Appl	c 897	3	30.0	25	54	US-10-666-022-41	Sequence 41, Appl
c 825	3	30.0	24	1	PCT-US03-05230A-7	Sequence 7, Appl	c 898	3	30.0	25	54	US-10-666-022-41	Sequence 41, Appl
c 826	3	30.0	24	1	PCT-US03-05230A-7	Sequence 7, Appl	c 899	3	30.0	25	54	US-10-666-022-51	Sequence 51, Appl

c 900 3 30.0 25 54 US-10-666-022-51 Sequence 51, Appl
c 901 3 30.0 25 54 US-10-666-022-61 Sequence 61, Appl
c 902 3 30.0 25 54 US-10-666-022-61 Sequence 61, Appl
c 903 3 30.0 25 54 US-10-666-022-71 Sequence 71, Appl
c 904 3 30.0 25 54 US-10-666-022-71 Sequence 71, Appl
c 905 3 30.0 25 54 US-10-666-022-81 Sequence 81, Appl
c 906 3 30.0 25 54 US-10-666-022-81 Sequence 81, Appl
c 907 3 30.0 25 54 US-10-666-022-91 Sequence 91, Appl
c 908 3 30.0 25 54 US-10-666-022-91 Sequence 91, Appl
c 909 3 30.0 25 54 US-10-666-022-106 Sequence 106, Appl
c 910 3 30.0 25 54 US-10-666-022-106 Sequence 106, Appl
c 911 3 30.0 25 54 US-10-666-022-116 Sequence 116, Appl
c 912 3 30.0 25 54 US-10-666-022-116 Sequence 116, Appl
c 913 3 30.0 25 54 US-10-666-022-126 Sequence 126, Appl
c 914 3 30.0 25 54 US-10-666-022-126 Sequence 126, Appl
c 915 3 30.0 25 54 US-10-666-022-136 Sequence 136, Appl
c 916 3 30.0 25 54 US-10-666-022-136 Sequence 136, Appl
c 917 3 30.0 25 54 US-10-666-022-146 Sequence 146, Appl
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c 993 3 30.0 26 77 US-60-259-679-3 Sequence 3, Appl
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c 995 3 30.0 27 1 PCT-US03-11936A-155 Sequence 155, App
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c 997 3 30.0 27 1 PCT-US03-11936A-157 Sequence 157, App
c 998 3 30.0 27 1 PCT-US03-11936A-157 Sequence 157, App
c 999 3 30.0 27 1 PCT-US03-11936A-354 Sequence 354, App
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ALIGNMENTS

RESULT 1
US-08-299-074-3
; Sequence 3, Application US/08299074
; GENERAL INFORMATION:
; APPLICANT: Sherman, Michael I.
; APPLICANT: Vogelstein, Bert
; APPLICANT: Kinzler, Kenneth W.
; TITLE OF INVENTION: Sequence Specific DNA Binding By p53
; NUMBER OF SEQUENCES: 33
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Banner, Birch, McKie & Beckett
; STREET: 1001 G Street, N.W.
; CITY: Washington
; STATE: D.C.
; COUNTRY: U.S.A.
; ZIP: 20001-4597
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/299,074
; FILING DATE:
; CLASSIFICATION: 530
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/860,758
; FILING DATE: 31-MAR-1992
; APPLICATION NUMBER: US 07/715,182
; FILING DATE: 14-JUN-1991
; ATTORNEY/AGENT INFORMATION:
; NAME: Kagan, Sarah A.
; REGISTRATION NUMBER: 32,141
; REFERENCE/DOCKET NUMBER: 1107.038652
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 202-508-9100
; TELEFAX: 202-508-9299
; INFORMATION FOR SEQ ID NO: 3:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 10 base pairs

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; TYPE: nucleic acid
; STRANDEDNESS: double
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; HYPOTHETICAL: YES
; ANTI-SENSE: NO
US-08-299-074-3

Query Match 100.0%; Score 10; DB 12; Length 10;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 RRCWGWYYY 10
DB 1 RRCWGWYYY 10

RESULT 2
US-08-299-074-3/c
; Sequence 3, Application US/08299074
; GENERAL INFORMATION:
; APPLICANT: Sherman, Michael I.
; APPLICANT: Vogelstein, Bert
; APPLICANT: Kinzler, Kenneth W.
; TITLE OF INVENTION: Sequence Specific DNA Binding By p53
; NUMBER OF SEQUENCES: 33
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Banner, Birch, McKie & Beckett
; STREET: 1001 G Street, N.W.
; CITY: Washington
; STATE: D.C.
; COUNTRY: U.S.A.
; ZIP: 20001-4597
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/299,074
; FILING DATE:
; CLASSIFICATION: 530
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/860,758
; FILING DATE: 31-MAR-1992
; APPLICATION NUMBER: US 07/715,182
; FILING DATE: 14-JUN-1991
; ATTORNEY/AGENT INFORMATION:
; NAME: Kagan, Sarah A.
; REGISTRATION NUMBER: 32,141
; REFERENCE/DOCKET NUMBER: 1107.038652
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 202-508-9100
; TELEFAX: 202-508-9299
; INFORMATION FOR SEQ ID NO: 3:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 10 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: double
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; HYPOTHETICAL: YES
; ANTI-SENSE: NO
US-08-299-074-3

Query Match 100.0%; Score 10; DB 12; Length 10;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 RRCWGWYYY 10
DB 10 RRCWGWYYY 1

RESULT 3
US-08-330-535-30
; Sequence 30, Application US/08330535
; GENERAL INFORMATION:
; APPLICANT: Reed, John C.
; APPLICANT: Miyashita, Toshiyuki
; APPLICANT: Harigai, Masayoshi
; APPLICANT: Hanada, Motoi
; TITLE OF INVENTION: SCREENING ASSAYS FOR IDENTIFYING AGENTS
; TITLE OF INVENTION: THAT REGULATE THE EXPRESSION OF GENES INVOLVED IN CELL
; TITLE OF INVENTION: DEATH
; NUMBER OF SEQUENCES: 30
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Campbell and Flores
; STREET: 4370 La Jolla Village Drive, Suite 700
; CITY: San Diego
; STATE: California
; COUNTRY: USA
; ZIP: 92122
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/330,535
; FILING DATE: 27-OCT-1994
; CLASSIFICATION: 424
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/182,619
; FILING DATE: 14-JAN-1994
; ATTORNEY/AGENT INFORMATION:
; NAME: Campbell, Cathryn A.
; REGISTRATION NUMBER: 31,815
; REFERENCE/DOCKET NUMBER: P-LJ 1174
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (619) 535-9001
; TELEFAX: (619) 535-8949
; INFORMATION FOR SEQ ID NO: 30:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 10 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: double
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
US-08-330-535-30

Query Match 100.0%; Score 10; DB 13; Length 10;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 RRCWGWYYY 10
DB 1 RRCWGWYYY 10

RESULT 4
US-08-330-535-30/c
; Sequence 30, Application US/08330535
; GENERAL INFORMATION:
; APPLICANT: Reed, John C.
; APPLICANT: Miyashita, Toshiyuki
; APPLICANT: Harigai, Masayoshi
; APPLICANT: Hanada, Motoi
; TITLE OF INVENTION: SCREENING ASSAYS FOR IDENTIFYING AGENTS
; TITLE OF INVENTION: THAT REGULATE THE EXPRESSION OF GENES INVOLVED IN CELL
; TITLE OF INVENTION: DEATH
; NUMBER OF SEQUENCES: 30
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Campbell and Flores
; STREET: 4370 La Jolla Village Drive, Suite 700
; CITY: San Diego
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/ STATE: California
/ COUNTRY: USA
/ ZIP: 92122
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: Floppy disk
/ COMPUTER: IBM PC compatible
/ OPERATING SYSTEM: PC-DOS/MS-DOS
/ SOFTWARE: Patent In Release #1.0, Version #1.25
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/08/330,535
/ FILING DATE: 27-OCT-1994
/ CLASSIFICATION: 424
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: US 08/182,619
/ FILING DATE: 14-JAN-1994
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Campbell, Cathryn A.
/ REGISTRATION NUMBER: 31,815
/ REFERENCE/DOCKET NUMBER: P-LJ 1174
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: (619) 535-9001
/ TELEFAX: (619) 535-8949
/ INFORMATION FOR SEQ ID NO: 30:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 10 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: double
/ TOPOLOGY: linear
/ MOLECULE TYPE: DNA (genomic)
/ US-08-330-535-30

Query Match 100.0%; Score 10; DB 13; Length 10;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 RRCRCWGGYY 10
Db 10 RRCRCWGGYY 1

RESULT 5
US-09-020-179-57
/ Sequence 57, Application US/09020179
/ GENERAL INFORMATION:
/ APPLICANT: Linnik, Matthew D
/ APPLICANT: Racke, Margaret M
/ APPLICANT: Krakowsky, Joan M
/ APPLICANT: Subramaniam, Arun
/ TITLE OF INVENTION: Human Nerve Growth Factor Exon 1 and
/ NUMBER OF SEQUENCES: 84
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: Hoechst Marion Roussel, Inc.
/ STREET: 2110 East Galbraith Road, P.O. Box 156300
/ CITY: Cincinnati
/ STATE: Ohio
/ COUNTRY: United States of America
/ ZIP: 45215-6300
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: Floppy disk
/ COMPUTER: IBM PC compatible
/ OPERATING SYSTEM: PC-DOS/MS-DOS
/ SOFTWARE: Patent In Release #1.0, Version #1.30
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/09/020,179
/ FILING DATE:
/ CLASSIFICATION:
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: US 60/038,212
/ FILING DATE: 06-FEB-1997
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Payne, T. Helen
/ REGISTRATION NUMBER: 36,889
/ REFERENCE/DOCKET NUMBER: HMR2002A
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: 513 948-7183
/ TELEFAX: 513 948-7961/4681
/ TELEX: 214320
/ INFORMATION FOR SEQ ID NO: 57:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 10 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: double
/ TOPOLOGY: unknown
/ MOLECULE TYPE: DNA (genomic)
/ US-09-020-179-57

Query Match 100.0%; Score 10; DB 20; Length 10;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
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/ REFERENCE/DOCKET NUMBER: HMR2002A
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: 513 948-7183
/ TELEFAX: 513 948-7961/4681
/ TELEX: 214320
/ INFORMATION FOR SEQ ID NO: 57:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 10 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: double
/ TOPOLOGY: unknown
/ MOLECULE TYPE: DNA (genomic)
/ US-09-020-179-57

Query Match 100.0%; Score 10; DB 20; Length 10;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 RRCRCWGGYY 10
Db 1 RRCRCWGGYY 10

RESULT 6
US-09-020-179-57/c
/ Sequence 57, Application US/09020179
/ GENERAL INFORMATION:
/ APPLICANT: Linnik, Matthew D
/ APPLICANT: Racke, Margaret M
/ APPLICANT: Krakowsky, Joan M
/ APPLICANT: Subramaniam, Arun
/ TITLE OF INVENTION: Human Nerve Growth Factor Exon 1 and
/ NUMBER OF SEQUENCES: 84
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: Hoechst Marion Roussel, Inc.
/ STREET: 2110 East Galbraith Road, P.O. Box 156300
/ CITY: Cincinnati
/ STATE: Ohio
/ COUNTRY: United States of America
/ ZIP: 45215-6300
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: Floppy disk
/ COMPUTER: IBM PC compatible
/ OPERATING SYSTEM: PC-DOS/MS-DOS
/ SOFTWARE: Patent In Release #1.0, Version #1.30
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/09/020,179
/ FILING DATE:
/ CLASSIFICATION:
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: US 60/038,212
/ FILING DATE: 06-FEB-1997
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Payne, T. Helen
/ REGISTRATION NUMBER: 36,889
/ REFERENCE/DOCKET NUMBER: HMR2002A
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: 513 948-7183
/ TELEFAX: 513 948-7961/4681
/ TELEX: 214320
/ INFORMATION FOR SEQ ID NO: 57:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 10 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: double
/ TOPOLOGY: unknown
/ MOLECULE TYPE: DNA (genomic)
/ US-09-020-179-57

Query Match 100.0%; Score 10; DB 20; Length 10;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
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QY 1 RRCWGWY 10
Db 10 RRCWGWY 1

RESULT 7

US-09-290-955-30
Query Match 100.0%; Score 10; DB 22; Length 10;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
GENERAL INFORMATION:
APPLICANT: Reed, John C.
APPLICANT: Miyashita, Toshiyuki
APPLICANT: Harigai, Masayoshi
APPLICANT: Hanada, Motoi
TITLE OF INVENTION: SCREENING ASSAYS FOR IDENTIFYING AGENTS
TITLE OF INVENTION: THAT REGULATE THE EXPRESSION OF GENES INVOLVED IN CELL
NUMBER OF SEQUENCES: 30
CORRESPONDENCE ADDRESS:
ADDRESSEE: Campbell & Flores LLP
STREET: 4370 La Jolla Village Drive, Suite 700
CITY: San Diego
STATE: California
COUNTRY: USA
ZIP: 92122

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/290,955
FILING DATE: 12-APR-99
CLASSIFICATION: 435

PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/182,619
FILING DATE: 14-JAN-1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/330,535
FILING DATE: 27-OCT-1994

PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/838,844
FILING DATE: 11-APR-1997
ATTORNEY/AGENT INFORMATION:
NAME: Campbell, Cathryn A.
REGISTRATION NUMBER: 31,815
REFERENCE/DOCKET NUMBER: P-LJ 3461

TELECOMMUNICATION INFORMATION:
TELEPHONE: (619) 535-9001
TELEFAX: (619) 535-8949
INFORMATION FOR SEQ ID NO: 30:
SEQUENCE CHARACTERISTICS:
LENGTH: 10 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)

US-09-290-955-30

Query Match 100.0%; Score 10; DB 22; Length 10;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 RRCWGWY 10
Db 1 RRCWGWY 10

RESULT 8

US-09-290-955-30/c
Query Match 100.0%; Score 10; DB 22; Length 10;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
GENERAL INFORMATION:
APPLICANT: Reed, John C.

APPLICANT: Miyashita, Toshiyuki
APPLICANT: Harigai, Masayoshi
APPLICANT: Hanada, Motoi
TITLE OF INVENTION: SCREENING ASSAYS FOR IDENTIFYING AGENTS
TITLE OF INVENTION: THAT REGULATE THE EXPRESSION OF GENES INVOLVED IN CELL
NUMBER OF SEQUENCES: 30
CORRESPONDENCE ADDRESS:
ADDRESSEE: Campbell & Flores LLP
STREET: 4370 La Jolla Village Drive, Suite 700
CITY: San Diego
STATE: California
COUNTRY: USA
ZIP: 92122

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/290,955
FILING DATE: 12-APR-99
CLASSIFICATION: 435

PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/182,619
FILING DATE: 14-JAN-1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/330,535
FILING DATE: 27-OCT-1994

PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/838,844
FILING DATE: 11-APR-1997
ATTORNEY/AGENT INFORMATION:
NAME: Campbell, Cathryn A.
REGISTRATION NUMBER: 31,815
REFERENCE/DOCKET NUMBER: P-LJ 3461

TELECOMMUNICATION INFORMATION:
TELEPHONE: (619) 535-9001
TELEFAX: (619) 535-8949
INFORMATION FOR SEQ ID NO: 30:
SEQUENCE CHARACTERISTICS:
LENGTH: 10 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)

US-09-290-955-30

Query Match 100.0%; Score 10; DB 22; Length 10;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 RRCWGWY 10
Db 10 RRCWGWY 1

RESULT 9

US-09-326-885-57
Query Match 100.0%; Score 10; DB 22; Length 10;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
GENERAL INFORMATION:
APPLICANT: Linnik, Matthew D
APPLICANT: Racke, Margaret M
APPLICANT: Krakowsky, Joan M

TELECOMMUNICATION INFORMATION:
TELEPHONE: (619) 535-9001
TELEFAX: (619) 535-8949
INFORMATION FOR SEQ ID NO: 30:
SEQUENCE CHARACTERISTICS:
LENGTH: 10 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)

US-09-326-885-57

Query Match 100.0%; Score 10; DB 22; Length 10;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

US-09-326-885-57

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;
; COUNTRY: United States of America
; ZIP: 45215-6300
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/326,885
; FILING DATE: 07-Jun-1999
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/09/020,179
; FILING DATE: <Unknown>
; APPLICATION NUMBER: US 60/038,212
; FILING DATE: 06-FEB-1997
; ATTORNEY/AGENT INFORMATION:
; NAME: Payne, T. Helen
; REGISTRATION NUMBER: 36,889
; REFERENCE/DOCKET NUMBER: HMR2002A
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 513 948-7183
; TELEFAX: 513 948-7961/4681
; TELEX: 214320
; INFORMATION FOR SEQ ID NO: 57:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 10 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: double
; TOPOLOGY: unknown
; MOLECULE TYPE: DNA (genomic)
; SEQUENCE DESCRIPTION: SEQ ID NO: 57:
US-09-326-885-57

Query Match 100.0%; Score 10; DB 23; Length 10;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 RRCWGWYYY 10
Db 1 RRCWGWYYY 1

RESULT 10
US-09-326-885-57/c
; Sequence 57, Application US/09326885
; GENERAL INFORMATION:
; APPLICANT: Linnik, Matthew D
; APPLICANT: Racke, Margaret M
; APPLICANT: Krakowsky, Joan M
; APPLICANT: Subramaniam, Arun
; TITLE OF INVENTION: Human Nerve Growth Factor Exon 1 and
; Exon 3 Promoters
; NUMBER OF SEQUENCES: 84
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Hoechst Marion Roussel, Inc.
; STREET: 2110 East Galbraith Road, P.O. Box 156300
; CITY: Cincinnati
; STATE: Ohio
; COUNTRY: United States of America
; ZIP: 45215-6300
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/326,885
; FILING DATE: 07-Jun-1999
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/09/020,179
; FILING DATE: <Unknown>
```

```
;
; APPLICATION NUMBER: US 60/038,212
; FILING DATE: 06-FEB-1997
; ATTORNEY/AGENT INFORMATION:
; NAME: Payne, T. Helen
; REGISTRATION NUMBER: 36,889
; REFERENCE/DOCKET NUMBER: HMR2002A
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 513 948-7183
; TELEFAX: 513 948-7961/4681
; TELEX: 214320
; INFORMATION FOR SEQ ID NO: 57:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 10 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: double
; TOPOLOGY: unknown
; MOLECULE TYPE: DNA (genomic)
; SEQUENCE DESCRIPTION: SEQ ID NO: 57:
US-09-326-885-57

Query Match 100.0%; Score 10; DB 23; Length 10;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 RRCWGWYYY 10
Db 1 RRCWGWYYY 1

RESULT 11
US-09-798-883B-57
; Sequence 57, Application US/09798883B
; GENERAL INFORMATION:
; APPLICANT: Linnik, Matthew
; APPLICANT: Racke, Margaret
; APPLICANT: Krakowsky, Joan
; APPLICANT: Subramaniam, Arun
; TITLE OF INVENTION: Human Nerve Growth Factor Exon 1 and Exon 3 Promoters
; FILE REFERENCE: HMR2002C US DIV
; CURRENT APPLICATION NUMBER: US/09/798,883B
; CURRENT FILING DATE: 2001-03-02
; NUMBER OF SEQ ID NOS: 84
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 57
; LENGTH: 10
; TYPE: DNA
; ORGANISM: Artificial
; FEATURE:
; OTHER INFORMATION: Consensus Binding Motif in Human Nerve Growth Factor Exon 1 and 3
; OTHER INFORMATION: Promoter
; FEATURE:
; NAME/KEY: misc feature
; OTHER INFORMATION: r=g or a
; FEATURE:
; NAME/KEY: misc feature
; OTHER INFORMATION: w=a or t
; FEATURE:
; NAME/KEY: misc feature
; OTHER INFORMATION: y=c or t
US-09-798-883B-57

Query Match 100.0%; Score 10; DB 32; Length 10;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 RRCWGWYYY 10
Db 1 RRCWGWYYY 10

RESULT 12
US-09-798-883B-57/c
; Sequence 57, Application US/09798883B
```



```
/
/
/ GENERAL INFORMATION:
/ APPLICANT: LINNIK, Matthew
/ APPLICANT: RACKE, Margaret
/ APPLICANT: KRAKOWSKI, Joan
/ APPLICANT: SUBRAMANIAM, Arun
/ TITLE OF INVENTION: Human Nerve Growth Factor Exon 1 and Exon 3 Promoters
/ FILE REFERENCE: HMR2002C US DIV
/ CURRENT APPLICATION NUMBER: US/09/798,883B
/ CURRENT FILING DATE: 2001-03-02
/ NUMBER OF SEQ ID NOS: 84
/ SOFTWARE: PatentIn version 3.0
/ SEQ ID NO 57
/ LENGTH: 10
/ TYPE: DNA
/ ORGANISM: Artificial
/ FEATURE:
/ OTHER INFORMATION: Consensus Binding Motif in Human Nerve Growth Factor Exon 1 and 3
/ OTHER INFORMATION: Promoter
/ FEATURE:
/ NAME/KEY: misc_feature
/ OTHER INFORMATION: r=g or a
/ FEATURE:
/ NAME/KEY: misc_feature
/ OTHER INFORMATION: w=a or t
/ FEATURE:
/ NAME/KEY: misc_feature
/ OTHER INFORMATION: y=c or t
/ US-09-798-883B-57

Query Match 100.0%; Score 10; DB 32; Length 10;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 RRCWGWYYY 10
Db 10 RRCWGWYYY 1

RESULT 13
US-09-813-824A-3
/ Sequence 3, Application US/09813824A
/ GENERAL INFORMATION:
/ APPLICANT: Vogelstein, Bert
/ Kinzler, Kenneth
/ Sherman, Michael
/ TITLE OF INVENTION: SEQUENCE SPECIFIC DNA BINDING
/ BY P53
/ NUMBER OF SEQUENCES: 41
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: Banner & Witcoff
/ STREET: 1001 G Street, NW
/ CITY: Washington
/ STATE: DC
/ COUNTRY: USA
/ ZIP: 20001
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: Diskette
/ COMPUTER: IBM Compatible
/ OPERATING SYSTEM: DOS
/ SOFTWARE: FastSeq for Windows Version 2.0
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/09/813,824A
/ FILING DATE: 22-Mar-2001
/ CLASSIFICATION: <Unknown>
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: 07/860,758
/ FILING DATE: 31-MAR-1992
/ APPLICATION NUMBER: 07/715,182
/ FILING DATE: 14-JUN-1991
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Kagan, Sarah A
/ REGISTRATION NUMBER: 32141
/ REFERENCE/DOCKET NUMBER: 01107.47071
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: 202-508-9100
/ TELEFAX: 202-508-9299
/ TELEX: <Unknown>
/ INFORMATION FOR SEQ ID NO: 3:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 10 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/ SEQUENCE DESCRIPTION: SEQ ID NO: 3:
US-09-813-824A-3

Query Match 100.0%; Score 10; DB 33; Length 10;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
/
/
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: 202-508-9100
/ TELEFAX: 202-508-9299
/ TELEX: <Unknown>
/ INFORMATION FOR SEQ ID NO: 3:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 10 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/ SEQUENCE DESCRIPTION: SEQ ID NO: 3:
US-09-813-824A-3

Query Match 100.0%; Score 10; DB 33; Length 10;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 RRCWGWYYY 10
Db 1 RRCWGWYYY 10

RESULT 14
US-09-813-824A-3/c
/ Sequence 3, Application US/09813824A
/ GENERAL INFORMATION:
/ APPLICANT: Vogelstein, Bert
/ Kinzler, Kenneth
/ Sherman, Michael
/ TITLE OF INVENTION: SEQUENCE SPECIFIC DNA BINDING
/ BY P53
/ NUMBER OF SEQUENCES: 41
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: Banner & Witcoff
/ STREET: 1001 G Street, NW
/ CITY: Washington
/ STATE: DC
/ COUNTRY: USA
/ ZIP: 20001
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: Diskette
/ COMPUTER: IBM Compatible
/ OPERATING SYSTEM: DOS
/ SOFTWARE: FastSeq for Windows Version 2.0
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/09/813,824A
/ FILING DATE: 22-Mar-2001
/ CLASSIFICATION: <Unknown>
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: 07/860,758
/ FILING DATE: 31-MAR-1992
/ APPLICATION NUMBER: 07/715,182
/ FILING DATE: 14-JUN-1991
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Kagan, Sarah A
/ REGISTRATION NUMBER: 32141
/ REFERENCE/DOCKET NUMBER: 01107.47071
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: 202-508-9100
/ TELEFAX: 202-508-9299
/ TELEX: <Unknown>
/ INFORMATION FOR SEQ ID NO: 3:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 10 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/ SEQUENCE DESCRIPTION: SEQ ID NO: 3:
US-09-813-824A-3

Query Match 100.0%; Score 10; DB 33; Length 10;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

Qy 1 RRCWGWYYY 10
| | | | | | | |
Db 10 RRCWGWYYY 1

RESULT 15

US-09-813-824B-3
; Sequence 3, Application US/09813824B
; GENERAL INFORMATION:
; APPLICANT: Vogelstein, Bert
; APPLICANT: Kinzler, Kenneth
; APPLICANT: Sherman, Michael
; TITLE OF INVENTION: SEQUENCE SPECIFIC DNA BINDING BY P53
; FILE REFERENCE: 01107.00112
; CURRENT APPLICATION NUMBER: US/09/813,824B
; CURRENT FILING DATE: 2001-03-22
; PRIOR APPLICATION NUMBER: 07/860,758
; PRIOR FILING DATE: 1992-03-31
; PRIOR APPLICATION NUMBER: 07/715,182
; PRIOR FILING DATE: 1991-06-14
; PRIOR APPLICATION NUMBER: 08/299,074
; PRIOR FILING DATE: 1994-09-01
; NUMBER OF SEQ ID NOS: 41
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 3
; LENGTH: 10
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: consensus
US-09-813-824B-3

Query Match 100.0%; Score 10; DB 33; Length 10;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 RRCWGWYYY 10
| | | | | | | |
Db 1 RRCWGWYYY 10

RESULT 16

US-09-813-824B-3/c
; Sequence 3, Application US/09813824B
; GENERAL INFORMATION:
; APPLICANT: Vogelstein, Bert
; APPLICANT: Kinzler, Kenneth
; APPLICANT: Sherman, Michael
; TITLE OF INVENTION: SEQUENCE SPECIFIC DNA BINDING BY P53
; FILE REFERENCE: 01107.00112
; CURRENT APPLICATION NUMBER: US/09/813,824B
; CURRENT FILING DATE: 2001-03-22
; PRIOR APPLICATION NUMBER: 07/860,758
; PRIOR FILING DATE: 1992-03-31
; PRIOR APPLICATION NUMBER: 07/715,182
; PRIOR FILING DATE: 1991-06-14
; PRIOR APPLICATION NUMBER: 08/299,074
; PRIOR FILING DATE: 1994-09-01
; NUMBER OF SEQ ID NOS: 41
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 3
; LENGTH: 10
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: consensus
US-09-813-824B-3

Query Match 100.0%; Score 10; DB 33; Length 10;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 RRCWGWYYY 10
| | | | | | | |
Db 10 RRCWGWYYY 1

RESULT 17

US-10-062-064-24
; Sequence 24, Application US/10062064
; GENERAL INFORMATION:
; APPLICANT: Heyduk, Tomasz
; TITLE OF INVENTION: A Rapid and Sensitive Assay for the Detection and Quantification
; FILE REFERENCE: 66153-9041
; CURRENT APPLICATION NUMBER: US/10/062,064
; CURRENT FILING DATE: 2002-01-31
; PRIOR APPLICATION NUMBER: US 09/928,385
; PRIOR FILING DATE: 2001-08-13
; NUMBER OF SEQ ID NOS: 28
; SEQ ID NO 24
; LENGTH: 10
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY:
; LOCATION:
; OTHER INFORMATION: These sequences were chemically synthesized,
; OTHER INFORMATION: but may also be created via recombinant methods.
US-10-062-064-24

Query Match 100.0%; Score 10; DB 40; Length 10;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 RRCWGWYYY 10
| | | | | | | |
Db 1 RRCWGWYYY 10

RESULT 18

US-10-062-064-24/c
; Sequence 24, Application US/10062064
; GENERAL INFORMATION:
; APPLICANT: Heyduk, Tomasz
; TITLE OF INVENTION: A Rapid and Sensitive Assay for the Detection and Quantification
; FILE REFERENCE: 66153-9041
; CURRENT APPLICATION NUMBER: US/10/062,064
; CURRENT FILING DATE: 2002-01-31
; PRIOR APPLICATION NUMBER: US 09/928,385
; PRIOR FILING DATE: 2001-08-13
; NUMBER OF SEQ ID NOS: 28
; SEQ ID NO 24
; LENGTH: 10
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY:
; LOCATION:
; OTHER INFORMATION: These sequences were chemically synthesized,
; OTHER INFORMATION: but may also be created via recombinant methods.
US-10-062-064-24

Query Match 100.0%; Score 10; DB 40; Length 10;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 RRCWGWYYY 10
| | | | | | | |
Db 10 RRCWGWYYY 1

RESULT 19

US-10-108-877A-12

```
; Sequence 12, Application US/10108877A
; GENERAL INFORMATION:
; APPLICANT: Murphy, Maureen E.
; TITLE OF INVENTION: Compositions and Methods for
; FILE REFERENCE: 0149-FCCC-99-03-CIP
; CURRENT APPLICATION NUMBER: US/10/108,877A
; CURRENT FILING DATE: 2002-03-28
; PRIOR APPLICATION NUMBER: PCT/US00/27078
; PRIOR FILING DATE: 2000-10-02
; PRIOR APPLICATION NUMBER: US 60/157,171
; PRIOR FILING DATE: 1999-09-30
; NUMBER OF SEQ ID NOS: 13
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 12
; LENGTH: 10
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: synthetic sequence
US-10-108-877A-12

Query Match          100.0%; Score 10; DB 42; Length 10;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 RRRCWGYYY 10
Db 1 RRRCWGYYY 10

RESULT 20
US-10-108-877A-12/c
; Sequence 12, Application US/10108877A
; GENERAL INFORMATION:
; APPLICANT: Murphy, Maureen E.
; TITLE OF INVENTION: Compositions and Methods for
; FILE REFERENCE: 0149-FCCC-99-03-CIP
; CURRENT APPLICATION NUMBER: US/10/108,877A
; CURRENT FILING DATE: 2002-03-28
; PRIOR APPLICATION NUMBER: PCT/US00/27078
; PRIOR FILING DATE: 2000-10-02
; PRIOR APPLICATION NUMBER: US 60/157,171
; PRIOR FILING DATE: 1999-09-30
; NUMBER OF SEQ ID NOS: 13
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 12
; LENGTH: 10
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: synthetic sequence
US-10-108-877A-12

Query Match          100.0%; Score 10; DB 42; Length 10;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 RRRCWGYYY 10
Db 10 RRRCWGYYY 1
```

```
; Sequence 1, Application US/10385422
; GENERAL INFORMATION:
; APPLICANT: Wang, Luquan
; TITLE OF INVENTION: Methods for identifying cancer chemotherapeutic agents using tumor
; FILE REFERENCE: OC01532K US
; CURRENT APPLICATION NUMBER: US/10/385,422
; CURRENT FILING DATE: 2003-03-06
; PRIOR APPLICATION NUMBER: US 60/362,000
; PRIOR FILING DATE: 2002-03-06
; NUMBER OF SEQ ID NOS: 85
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 1
; LENGTH: 10
; TYPE: DNA
; ORGANISM: artificial sequence
; FEATURE:
; OTHER INFORMATION: p53 decamer
; NAME/KEY: misc feature
; LOCATION: (1)..(1)
; OTHER INFORMATION: r = g or a
; NAME/KEY: misc feature
; LOCATION: (2)..(2)
; OTHER INFORMATION: r = g or a
; NAME/KEY: misc feature
; LOCATION: (3)..(3)
; OTHER INFORMATION: r = g or a
; NAME/KEY: misc feature
; LOCATION: (5)..(5)
; OTHER INFORMATION: w = t or a
; NAME/KEY: misc feature
; LOCATION: (6)..(6)
; OTHER INFORMATION: w = t or a
; NAME/KEY: misc feature
; LOCATION: (8)..(8)
; OTHER INFORMATION: y = c or t
; NAME/KEY: misc feature
; LOCATION: (9)..(9)
; OTHER INFORMATION: y = c or t
; NAME/KEY: misc feature
; LOCATION: (10)..(10)
; OTHER INFORMATION: y = c or t
US-10-385-422-1

Query Match          100.0%; Score 10; DB 50; Length 10;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 RRRCWGYYY 10
Db 1 RRRCWGYYY 10

RESULT 22
US-10-385-422-1/c
; Sequence 1, Application US/10385422
; GENERAL INFORMATION:
; APPLICANT: Wang, Luquan
; TITLE OF INVENTION: Methods for identifying cancer chemotherapeutic agents using tumor
; FILE REFERENCE: OC01532K US
; CURRENT APPLICATION NUMBER: US/10/385,422
; CURRENT FILING DATE: 2003-03-06
; PRIOR APPLICATION NUMBER: US 60/362,000
; PRIOR FILING DATE: 2002-03-06
; NUMBER OF SEQ ID NOS: 85
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 1
; LENGTH: 10
; TYPE: DNA
```

ORGANISM: artificial sequence
FEATURE:
OTHER INFORMATION: p53 decamer
FEATURE:
NAME/KEY: misc_feature
LOCATION: (1)..(1)
OTHER INFORMATION: r = g or a
FEATURE:
NAME/KEY: misc_feature
LOCATION: (2)..(2)
OTHER INFORMATION: r = g or a
FEATURE:
NAME/KEY: misc_feature
LOCATION: (3)..(3)
OTHER INFORMATION: r = g or a
FEATURE:
NAME/KEY: misc_feature
LOCATION: (5)..(5)
OTHER INFORMATION: w = t or a
FEATURE:
NAME/KEY: misc_feature
LOCATION: (6)..(6)
OTHER INFORMATION: w = t or a
FEATURE:
NAME/KEY: misc_feature
LOCATION: (8)..(8)
OTHER INFORMATION: y = c or t
FEATURE:
NAME/KEY: misc_feature
LOCATION: (9)..(9)
OTHER INFORMATION: y = c or t
FEATURE:
NAME/KEY: misc_feature
LOCATION: (10)..(10)
OTHER INFORMATION: y = c or t
US-10-385-422-1

Query Match 100.0%; Score 10; DB 50; Length 10;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 RRCWGWYYY 10
|||||

DB 10 RRCWGWYYY 1

RESULT 23
US-10-464-996-5
; Sequence 5, Application US/10464996
; GENERAL INFORMATION:
; APPLICANT: Deveraux, Quinn L.
; APPLICANT: Wagner, Klaus W.
; APPLICANT: Hampton, Garret M.
; APPLICANT: IRM LLC
; TITLE OF INVENTION: Diagnosis and Treatment of Chemoresistant Tumors
; FILE REFERENCE: 021288-001220US
; CURRENT APPLICATION NUMBER: US/10/464,996
; CURRENT FILING DATE: 2003-06-18
; PRIOR APPLICATION NUMBER: US 60/390,256
; PRIOR FILING DATE: 2002-06-18
; PRIOR APPLICATION NUMBER: US 60/456,585
; PRIOR FILING DATE: 2003-03-21
; NUMBER OF SEQ ID NOS: 5
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 5
; LENGTH: 10
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:p53 consensus
US-10-464-996-5

Query Match 100.0%; Score 10; DB 51; Length 10;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 RRCWGWYYY 10
|||||

DB 1 RRCWGWYYY 10

RESULT 24
US-10-464-996-5/c
; Sequence 5, Application US/10464996
; GENERAL INFORMATION:
; APPLICANT: Deveraux, Quinn L.
; APPLICANT: Wagner, Klaus W.
; APPLICANT: Hampton, Garret M.
; APPLICANT: IRM LLC
; TITLE OF INVENTION: Diagnosis and Treatment of Chemoresistant Tumors
; FILE REFERENCE: 021288-001220US
; CURRENT APPLICATION NUMBER: US/10/464,996
; CURRENT FILING DATE: 2003-06-18
; PRIOR APPLICATION NUMBER: US 60/390,256
; PRIOR FILING DATE: 2002-06-18
; PRIOR APPLICATION NUMBER: US 60/456,585
; PRIOR FILING DATE: 2003-03-21
; NUMBER OF SEQ ID NOS: 5
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 5
; LENGTH: 10
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:p53 consensus
US-10-464-996-5

Query Match 100.0%; Score 10; DB 51; Length 10;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 RRCWGWYYY 10
|||||

DB 10 RRCWGWYYY 1

RESULT 25
US-10-795-933-21
; Sequence 21, Application US/10795933
; GENERAL INFORMATION:
; APPLICANT: Zavada, Jan
; APPLICANT: Pastorekova, Silvia
; APPLICANT: Pastorek, Jaromir
; TITLE OF INVENTION: MN Gene and Protein
; FILE REFERENCE: D-0021-2
; CURRENT APPLICATION NUMBER: US/10/795,933
; CURRENT FILING DATE: 2004-03-08
; PRIOR APPLICATION NUMBER: US/08/260,190
; PRIOR FILING DATE: 1994-06-15
; PRIOR APPLICATION NUMBER: 08/177,093
; PRIOR FILING DATE: 1993-12-30
; PRIOR APPLICATION NUMBER: 07/964,589
; PRIOR FILING DATE: 1992-10-21
; PRIOR APPLICATION NUMBER: PV-709-92
; PRIOR FILING DATE: 1992-03-11
; NUMBER OF SEQ ID NOS: 26
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 21
; LENGTH: 10
; TYPE: DNA
; ORGANISM: HUMAN
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (1)..(10)

US-10-795-933-21

Query Match 100.0%; Score 10; DB 61; Length 10;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 RRCWGWYY 10
Db 1 RRCWGWYY 10

RESULT 26

US-10-795-933-21/c
; Sequence 21, Application US/10795933
; GENERAL INFORMATION:
; APPLICANT: Zavada, Jan
; APPLICANT: Pastorekova, Silvia
; APPLICANT: Pastorek, Jaromir
; TITLE OF INVENTION: MN Gene and Protein
; FILE REFERENCE: D-0021-2
; CURRENT APPLICATION NUMBER: US/10/795,933
; PRIOR FILING DATE: 2004-03-08
; PRIOR APPLICATION NUMBER: US/08/260,190
; PRIOR FILING DATE: 1994-06-15
; PRIOR APPLICATION NUMBER: 08/177,093
; PRIOR FILING DATE: 1993-12-30
; PRIOR APPLICATION NUMBER: 07/964,589
; PRIOR FILING DATE: 1992-10-21
; PRIOR APPLICATION NUMBER: PV-709-92
; PRIOR FILING DATE: 1992-03-11
; NUMBER OF SEQ ID NOS: 26
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 21
; LENGTH: 10
; TYPE: DNA
; ORGANISM: HUMAN
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (1)..(10)
US-10-795-933-21

Query Match 100.0%; Score 10; DB 61; Length 10;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 RRCWGWYY 10
Db 10 RRCWGWYY 1

RESULT 27

US-11-045-468A-19
; Sequence 19, Application US/11045468A
; GENERAL INFORMATION:
; APPLICANT: Ng, Patrick
; APPLICANT: Wei, Chialin
; APPLICANT: Ruan, Yijun
; TITLE OF INVENTION: Method for Gene Identification Signature (GIS) Analysis
; FILE REFERENCE: 3240-107
; CURRENT APPLICATION NUMBER: US/11/045,468A
; PRIOR FILING DATE: 2005-01-31
; PRIOR APPLICATION NUMBER: 10/664,234
; PRIOR FILING DATE: 2003-09-17
; NUMBER OF SEQ ID NOS: 29
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 19
; LENGTH: 10
; TYPE: DNA
; ORGANISM: Artificial
; FEATURE:
; NAME/KEY: misc_feature
; OTHER INFORMATION: mammalian p53 consensus sequence
; NAME/KEY: misc_feature

; OTHER INFORMATION: r is a purine (A or G)
; FEATURE:
; NAME/KEY: misc_feature
; OTHER INFORMATION: w is A or T
; FEATURE:
; NAME/KEY: misc_feature
; OTHER INFORMATION: y is a pyrimidine (C or T)
US-11-045-468A-19

Query Match 100.0%; Score 10; DB 66; Length 10;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 RRCWGWYY 10
Db 1 RRCWGWYY 10

RESULT 28

US-11-045-468A-19/c
; Sequence 19, Application US/11045468A
; GENERAL INFORMATION:
; APPLICANT: Ng, Patrick
; APPLICANT: Wei, Chialin
; APPLICANT: Ruan, Yijun
; TITLE OF INVENTION: Method for Gene Identification Signature (GIS) Analysis
; FILE REFERENCE: 3240-107
; CURRENT APPLICATION NUMBER: US/11/045,468A
; PRIOR FILING DATE: 2005-01-31
; PRIOR APPLICATION NUMBER: 10/664,234
; PRIOR FILING DATE: 2003-09-17
; NUMBER OF SEQ ID NOS: 29
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 19
; LENGTH: 10
; TYPE: DNA
; ORGANISM: Artificial
; FEATURE:
; OTHER INFORMATION: mammalian p53 consensus sequence
; FEATURE:
; NAME/KEY: misc_feature
; OTHER INFORMATION: r is a purine (A or G)
; FEATURE:
; NAME/KEY: misc_feature
; OTHER INFORMATION: w is A or T
; FEATURE:
; NAME/KEY: misc_feature
; OTHER INFORMATION: y is a pyrimidine (C or T)
US-11-045-468A-19

Query Match 100.0%; Score 10; DB 66; Length 10;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 RRCWGWYY 10
Db 10 RRCWGWYY 1

RESULT 29

PCT-US01-47455-26
; Sequence 26, Application PC/TUS0147455
; GENERAL INFORMATION:
; APPLICANT: Yu, Jian
; APPLICANT: Kinzler, Kenneth
; APPLICANT: Vogelstein, Bert
; TITLE OF INVENTION: JFY1 induces rapid apoptosis
; FILE REFERENCE: 01107.00062
; CURRENT APPLICATION NUMBER: PCT/US01/47455
; CURRENT FILING DATE: 2002-10-31
; NUMBER OF SEQ ID NOS: 30
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 26

```
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo sapiens
PCT-US01-47455-26

Query Match      100.0%; Score 10; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 RRRCWGYYY 10
Db 10 RRRCWGYYY 19

RESULT 30
PCT-US01-47455-26/c
; Sequence 26, Application PC/TUS0147455
; GENERAL INFORMATION:
; APPLICANT: Yu, Jian
; APPLICANT: Kinzler, Kenneth
; TITLE OF INVENTION: JFY1 induces rapid apoptosis
; FILE REFERENCE: 01107.00062
; CURRENT APPLICATION NUMBER: PCT/US01/47455
; CURRENT FILING DATE: 2002-10-31
; NUMBER OF SEQ ID NOS: 30
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 26
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo sapiens
PCT-US01-47455-26

Query Match      100.0%; Score 10; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 RRRCWGYYY 10
Db 19 RRRCWGYYY 10

RESULT 31
US-10-450-436-26
; Sequence 26, Application US/10450436
; GENERAL INFORMATION:
; APPLICANT: Yu, Jian
; APPLICANT: Kinzler, Kenneth
; APPLICANT: Vogelstein, Bert
; TITLE OF INVENTION: JFY1 induces rapid apoptosis
; FILE REFERENCE: 01107.00062
; CURRENT APPLICATION NUMBER: US/10/450,436
; CURRENT FILING DATE: 2003-06-18
; NUMBER OF SEQ ID NOS: 30
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 26
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-450-436-26

Query Match      100.0%; Score 10; DB 51; Length 19;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 RRRCWGYYY 10
Db 10 RRRCWGYYY 19

RESULT 32
US-10-450-436-26/c
; Sequence 26, Application US/10450436
```

```
; GENERAL INFORMATION:
; APPLICANT: Yu, Jian
; APPLICANT: Kinzler, Kenneth
; APPLICANT: Vogelstein, Bert
; TITLE OF INVENTION: JFY1 induces rapid apoptosis
; FILE REFERENCE: 01107.00062
; CURRENT APPLICATION NUMBER: US/10/450,436
; CURRENT FILING DATE: 2003-06-18
; NUMBER OF SEQ ID NOS: 30
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 26
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-450-436-26

Query Match      100.0%; Score 10; DB 51; Length 19;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 RRRCWGYYY 10
Db 19 RRRCWGYYY 10

RESULT 33
PCT-US99-19551-24
; Sequence 24, Application PC/TUS9919551
; GENERAL INFORMATION:
; APPLICANT: Horikoshi, Nobuo
; APPLICANT: Shenk, Thomas
; TITLE OF INVENTION: Novel Targets of p53 Regulatory Activity
; FILE REFERENCE: PRI 98-1485-1
; CURRENT APPLICATION NUMBER: PCT/US99/19551
; CURRENT FILING DATE: 1999-08-31
; EARLIER APPLICATION NUMBER: US 60/098,251
; EARLIER FILING DATE: 1998-08-28
; NUMBER OF SEQ ID NOS: 29
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 24
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: /note= "consensus sequence"
PCT-US99-19551-24

Query Match      100.0%; Score 10; DB 3; Length 20;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 RRRCWGYYY 10
Db 1 RRRCWGYYY 10

RESULT 34
PCT-US99-19551-24/c
; Sequence 24, Application PC/TUS9919551
; GENERAL INFORMATION:
; APPLICANT: Horikoshi, Nobuo
; APPLICANT: Shenk, Thomas
; TITLE OF INVENTION: Novel Targets of p53 Regulatory Activity
; FILE REFERENCE: PRI 98-1485-1
; CURRENT APPLICATION NUMBER: PCT/US99/19551
; CURRENT FILING DATE: 1999-08-31
; EARLIER APPLICATION NUMBER: US 60/098,251
; EARLIER FILING DATE: 1998-08-28
; NUMBER OF SEQ ID NOS: 29
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 24
; LENGTH: 20
; TYPE: DNA
```

```
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: /note= "consensus sequence"
PCT-US99-19551-24

Query Match      100.0%; Score 10; DB 3; Length 20;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 RRCRCWGYYY 10
Db 20 RRCRCWGYYY 11

RESULT 35
US-09-816-763-92
; Sequence 92, Application US/09816763
; GENERAL INFORMATION:
; APPLICANT: Remacle, Jose
; APPLICANT: Renard, Patricia
; TITLE OF INVENTION: METHOD AND KIT FOR THE SCREENING, THE
; TITLE OF INVENTION: DETECTION AND/OR THE QUANTIFICATION OF TRANSCRIPTIONAL
; FILE REFERENCE: VANW212.001AUS
; CURRENT APPLICATION NUMBER: US/09/816,763
; CURRENT FILING DATE: 2001-03-23
; PRIOR APPLICATION NUMBER: EP 00870057.7
; PRIOR FILING DATE: 2000-03-24
; NUMBER OF SEQ ID NOS: 150
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 92
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Consensus sequence for transcriptional factor P53
US-09-816-763-92

Query Match      100.0%; Score 10; DB 33; Length 20;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 RRCRCWGYYY 10
Db 1 RRCRCWGYYY 10

RESULT 36
US-09-816-763-92/c
; Sequence 92, Application US/09816763
; GENERAL INFORMATION:
; APPLICANT: Remacle, Jose
; APPLICANT: Renard, Patricia
; APPLICANT: Art, Muriel
; TITLE OF INVENTION: METHOD AND KIT FOR THE SCREENING, THE
; TITLE OF INVENTION: DETECTION AND/OR THE QUANTIFICATION OF TRANSCRIPTIONAL
; FILE REFERENCE: VANW212.001AUS
; CURRENT APPLICATION NUMBER: US/09/816,763
; CURRENT FILING DATE: 2001-03-23
; PRIOR APPLICATION NUMBER: EP 00870057.7
; PRIOR FILING DATE: 2000-03-24
; NUMBER OF SEQ ID NOS: 150
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 92
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Consensus sequence for transcriptional factor P53
US-09-816-763-92
```

```
Query Match      100.0%; Score 10; DB 33; Length 20;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 RRCRCWGYYY 10
Db 20 RRCRCWGYYY 11

RESULT 37
US-09-953-133A-13
; Sequence 13, Application US/09953133A
; GENERAL INFORMATION:
; APPLICANT: ImmunoGen Inc.
; TITLE OF INVENTION: BBC3 GENE PROMOTER AND METHODS FOR IDENTIFYING MODULATORS OF
; FILE REFERENCE: F156822
; CURRENT APPLICATION NUMBER: US/09/953,133A
; CURRENT FILING DATE: 2001-09-17
; NUMBER OF SEQ ID NOS: 13
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 13
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Consensus p53 binding site
US-09-953-133A-13

Query Match      100.0%; Score 10; DB 37; Length 20;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 RRCRCWGYYY 10
Db 1 RRCRCWGYYY 10

RESULT 38
US-09-953-133A-13/c
; Sequence 13, Application US/09953133A
; GENERAL INFORMATION:
; APPLICANT: ImmunoGen Inc.
; TITLE OF INVENTION: BBC3 GENE PROMOTER AND METHODS FOR IDENTIFYING MODULATORS OF
; FILE REFERENCE: F156822
; CURRENT APPLICATION NUMBER: US/09/953,133A
; CURRENT FILING DATE: 2001-09-17
; NUMBER OF SEQ ID NOS: 13
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 13
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Consensus p53 binding site
US-09-953-133A-13

Query Match      100.0%; Score 10; DB 37; Length 20;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 RRCRCWGYYY 10
Db 20 RRCRCWGYYY 11

RESULT 39
US-10-821-568-92
; Sequence 92, Application US/10821568
; GENERAL INFORMATION:
; APPLICANT: Remacle, Jose
; APPLICANT: Renard, Patricia
```

```
; APPLICANT: Art, Muriel
; TITLE OF INVENTION: METHOD AND KIT FOR THE SCREENING, THE
; TITLE OF INVENTION: DETECTION AND/OR THE QUANTIFICATION OF TRANSCRIPTIONAL
; TITLE OF INVENTION: FACTORS
; FILE REFERENCE: VANM212.001DV1
; CURRENT APPLICATION NUMBER: US/10/821,568
; CURRENT FILING DATE: 2004-04-08
; PRIOR APPLICATION NUMBER: US 09/816,763
; PRIOR FILING DATE: 2001-03-23
; PRIOR APPLICATION NUMBER: EP 00870057.7
; PRIOR FILING DATE: 2000-03-24
; NUMBER OF SEQ ID NOS: 150
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 92
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Consensus sequence for transcriptional factor P53
US-10-821-568-92

Query Match      100.0%; Score 10; DB 62; Length 20;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 RRRCWGYYY 10
Db 1 RRRCWGYYY 10

RESULT 40
US-10-821-568-92/c
; Sequence 92, Application US/10821568
; GENERAL INFORMATION:
; APPLICANT: Remacle, Jose
; APPLICANT: Renard, Patricia
; APPLICANT: Art, Muriel
; TITLE OF INVENTION: METHOD AND KIT FOR THE SCREENING, THE
; TITLE OF INVENTION: DETECTION AND/OR THE QUANTIFICATION OF TRANSCRIPTIONAL
; TITLE OF INVENTION: FACTORS
; FILE REFERENCE: VANM212.001DV1
; CURRENT APPLICATION NUMBER: US/10/821,568
; CURRENT FILING DATE: 2004-04-08
; PRIOR APPLICATION NUMBER: US 09/816,763
; PRIOR FILING DATE: 2001-03-23
; PRIOR APPLICATION NUMBER: EP 00870057.7
; PRIOR FILING DATE: 2000-03-24
; NUMBER OF SEQ ID NOS: 150
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 92
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Consensus sequence for transcriptional factor P53
US-10-821-568-92

Query Match      100.0%; Score 10; DB 62; Length 20;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 RRRCWGYYY 10
Db 20 RRRCWGYYY 11

RESULT 41
PCT-US99-19551-25
; Sequence 25, Application PC/TUS9919551
; GENERAL INFORMATION:
; APPLICANT: Horikoshi, Nobuo
; APPLICANT: Shenk, Thomas
; TITLE OF INVENTION: Novel Targets of p53 Regulatory Activity
; FILE REFERENCE: PRI 98-1485-1
; CURRENT APPLICATION NUMBER: PCT/US99/19551
; CURRENT FILING DATE: 1999-08-31
; EARLIER FILING DATE: 1998-08-28
; NUMBER OF SEQ ID NOS: 29
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 25
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: /note= "consensus sequence, n can be 1-10"
PCT-US99-19551-25/c
; Sequence 25, Application PC/TUS9919551
; GENERAL INFORMATION:
; APPLICANT: Horikoshi, Nobuo
; APPLICANT: Shenk, Thomas
; TITLE OF INVENTION: Novel Targets of p53 Regulatory Activity
; FILE REFERENCE: PRI 98-1485-1
; CURRENT APPLICATION NUMBER: PCT/US99/19551
; CURRENT FILING DATE: 1999-08-31
; EARLIER FILING DATE: 1998-08-28
; NUMBER OF SEQ ID NOS: 29
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 25
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: /note= "consensus sequence, n can be 1-10"
PCT-US99-19551-25
```

```
; FILE REFERENCE: PRI 98-1485-1
; CURRENT APPLICATION NUMBER: PCT/US99/19551
; CURRENT FILING DATE: 1999-08-31
; EARLIER FILING DATE: 1998-08-28
; NUMBER OF SEQ ID NOS: 29
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 25
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: /note= "consensus sequence, n can be 1-10"
PCT-US99-19551-25

Query Match      100.0%; Score 10; DB 3; Length 21;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 RRRCWGYYY 10
Db 1 RRRCWGYYY 10

RESULT 42
PCT-US99-19551-25/c
; Sequence 25, Application PC/TUS9919551
; GENERAL INFORMATION:
; APPLICANT: Horikoshi, Nobuo
; APPLICANT: Shenk, Thomas
; TITLE OF INVENTION: Novel Targets of p53 Regulatory Activity
; FILE REFERENCE: PRI 98-1485-1
; CURRENT APPLICATION NUMBER: PCT/US99/19551
; CURRENT FILING DATE: 1999-08-31
; EARLIER FILING DATE: 1998-08-28
; NUMBER OF SEQ ID NOS: 29
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 25
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: /note= "consensus sequence, n can be 1-10"
PCT-US99-19551-25

Query Match      100.0%; Score 10; DB 3; Length 21;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 RRRCWGYYY 10
Db 21 RRRCWGYYY 12

RESULT 43
US-09-816-763-133
; Sequence 133, Application US/09816763
; GENERAL INFORMATION:
; APPLICANT: Remacle, Jose
; APPLICANT: Renard, Patricia
; APPLICANT: Art, Muriel
; TITLE OF INVENTION: METHOD AND KIT FOR THE SCREENING, THE
; TITLE OF INVENTION: DETECTION AND/OR THE QUANTIFICATION OF TRANSCRIPTIONAL
; TITLE OF INVENTION: FACTORS
; FILE REFERENCE: VANM212.001AUS
; CURRENT APPLICATION NUMBER: US/09/816,763
; CURRENT FILING DATE: 2001-03-23
; PRIOR APPLICATION NUMBER: EP 00870057.7
; PRIOR FILING DATE: 2000-03-24
; NUMBER OF SEQ ID NOS: 150
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 133
```



```
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: P53 transcriptional factor consensus sequence
; NAME/KEY: misc feature
; LOCATION: (1)...(21)
; OTHER INFORMATION: n = A,T,C or G
US-09-816-763-133

Query Match          100.0%; Score 10; DB 33; Length 21;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 RRRCWGYYY 10
Db 12 RRRCWGYYY 21

RESULT 44
US-09-816-763-133/c
; Sequence 133, Application US/09816763
; GENERAL INFORMATION:
; APPLICANT: Remacle, Jose
; APPLICANT: Renard, Patricia
; APPLICANT: Art, Muriel
; TITLE OF INVENTION: METHOD AND KIT FOR THE SCREENING, THE
; TITLE OF INVENTION: DETECTION AND/OR THE QUANTIFICATION OF TRANSCRIPTIONAL
; TITLE OF INVENTION: FACTORS
; FILE REFERENCE: VANW212.001AUS
; CURRENT APPLICATION NUMBER: US/09/816,763
; CURRENT FILING DATE: 2001-03-23
; PRIOR APPLICATION NUMBER: EP 00870057.7
; PRIOR FILING DATE: 2000-03-24
; NUMBER OF SEQ ID NOS: 150
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 133
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: P53 transcriptional factor consensus sequence
; NAME/KEY: misc feature
; LOCATION: (1)...(21)
; OTHER INFORMATION: n = A,T,C or G
US-09-816-763-133

Query Match          100.0%; Score 10; DB 33; Length 21;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 RRRCWGYYY 10
Db 21 RRRCWGYYY 12

RESULT 45
US-10-821-568-133
; Sequence 133, Application US/10821568
; GENERAL INFORMATION:
; APPLICANT: Remacle, Jose
; APPLICANT: Renard, Patricia
; APPLICANT: Art, Muriel
; TITLE OF INVENTION: METHOD AND KIT FOR THE SCREENING, THE
; TITLE OF INVENTION: DETECTION AND/OR THE QUANTIFICATION OF TRANSCRIPTIONAL
; FILE REFERENCE: VANW212.001DV1
; CURRENT APPLICATION NUMBER: US/10/821,568
; CURRENT FILING DATE: 2004-04-08
; PRIOR APPLICATION NUMBER: US 09/816,763
; PRIOR FILING DATE: 2001-03-23
; NUMBER OF SEQ ID NOS: 150
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 133
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: consensus sequence for transcriptional factor p53
; NAME/KEY: misc feature
; LOCATION: (1)...(21)
; OTHER INFORMATION: n = A,T,C or G
US-10-821-568-133

Query Match          100.0%; Score 10; DB 62; Length 21;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 RRRCWGYYY 10
Db 21 RRRCWGYYY 12

RESULT 46
US-10-821-568-133/c
; Sequence 133, Application US/10821568
; GENERAL INFORMATION:
; APPLICANT: Remacle, Jose
; APPLICANT: Renard, Patricia
; APPLICANT: Art, Muriel
; TITLE OF INVENTION: METHOD AND KIT FOR THE SCREENING, THE
; TITLE OF INVENTION: DETECTION AND/OR THE QUANTIFICATION OF TRANSCRIPTIONAL
; TITLE OF INVENTION: FACTORS
; FILE REFERENCE: VANW212.001DV1
; CURRENT APPLICATION NUMBER: US/10/821,568
; CURRENT FILING DATE: 2004-04-08
; PRIOR APPLICATION NUMBER: US 09/816,763
; PRIOR FILING DATE: 2001-03-23
; PRIOR APPLICATION NUMBER: EP 00870057.7
; PRIOR FILING DATE: 2000-03-24
; NUMBER OF SEQ ID NOS: 150
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 133
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: consensus sequence for transcriptional factor p53
; NAME/KEY: misc feature
; LOCATION: (1)...(21)
; OTHER INFORMATION: n = A,T,C or G
US-10-821-568-133

Query Match          100.0%; Score 10; DB 62; Length 21;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 RRRCWGYYY 10
Db 21 RRRCWGYYY 12

RESULT 47
US-09-816-763-134
; Sequence 134, Application US/09816763
; GENERAL INFORMATION:
; APPLICANT: Remacle, Jose
; APPLICANT: Renard, Patricia
; APPLICANT: Art, Muriel
; TITLE OF INVENTION: METHOD AND KIT FOR THE SCREENING, THE
; TITLE OF INVENTION: DETECTION AND/OR THE QUANTIFICATION OF TRANSCRIPTIONAL
; TITLE OF INVENTION: FACTORS
```

```
; NUMBER OF SEQ ID NOS: 150
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 133
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: consensus sequence for transcriptional factor p53
; NAME/KEY: misc feature
; LOCATION: (1)...(21)
; OTHER INFORMATION: n = A,T,C or G
US-10-821-568-133
```

```
Query Match          100.0%; Score 10; DB 62; Length 21;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 RRRCWGYYY 10
Db 12 RRRCWGYYY 21
```

```
RESULT 46
US-10-821-568-133/c
; Sequence 133, Application US/10821568
; GENERAL INFORMATION:
; APPLICANT: Remacle, Jose
; APPLICANT: Renard, Patricia
; APPLICANT: Art, Muriel
; TITLE OF INVENTION: METHOD AND KIT FOR THE SCREENING, THE
; TITLE OF INVENTION: DETECTION AND/OR THE QUANTIFICATION OF TRANSCRIPTIONAL
; TITLE OF INVENTION: FACTORS
; FILE REFERENCE: VANW212.001DV1
; CURRENT APPLICATION NUMBER: US/10/821,568
; CURRENT FILING DATE: 2004-04-08
; PRIOR APPLICATION NUMBER: US 09/816,763
; PRIOR FILING DATE: 2001-03-23
; PRIOR APPLICATION NUMBER: EP 00870057.7
; PRIOR FILING DATE: 2000-03-24
; NUMBER OF SEQ ID NOS: 150
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 133
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: consensus sequence for transcriptional factor p53
; NAME/KEY: misc feature
; LOCATION: (1)...(21)
; OTHER INFORMATION: n = A,T,C or G
US-10-821-568-133
```

```
Query Match          100.0%; Score 10; DB 62; Length 21;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 RRRCWGYYY 10
Db 21 RRRCWGYYY 12
```

```
RESULT 47
US-09-816-763-134
; Sequence 134, Application US/09816763
; GENERAL INFORMATION:
; APPLICANT: Remacle, Jose
; APPLICANT: Renard, Patricia
; APPLICANT: Art, Muriel
; TITLE OF INVENTION: METHOD AND KIT FOR THE SCREENING, THE
; TITLE OF INVENTION: DETECTION AND/OR THE QUANTIFICATION OF TRANSCRIPTIONAL
; TITLE OF INVENTION: FACTORS
```

```

; FILE REFERENCE: VANM212.001AUS
; CURRENT APPLICATION NUMBER: US/09/816,763
; CURRENT FILING DATE: 2001-03-23
; PRIOR APPLICATION NUMBER: EP 00870057.7
; PRIOR FILING DATE: 2000-03-24
; NUMBER OF SEQ ID NOS: 150
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 134
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (1)...(22)
; OTHER INFORMATION: n = A,T,C or G
US-09-816-763-134

Query Match          100.0%; Score 10; DB 33; Length 22;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 RRCRCWGYYY 10
Db 13 RRCRCWGYYY 22

RESULT 48
US-09-816-763-134/c
; Sequence 134, Application US/09816763
; GENERAL INFORMATION:
; APPLICANT: Remacle, Jose
; APPLICANT: Renard, Patricia
; APPLICANT: Art, Muriel
; TITLE OF INVENTION: DETECTION AND KIT FOR THE SCREENING, THE
; TITLE OF INVENTION: DETECTION AND/OR THE QUANTIFICATION OF TRANSCRIPTIONAL
; TITLE OF INVENTION: FACTORS
; FILE REFERENCE: VANM212.001AUS
; CURRENT APPLICATION NUMBER: US/09/816,763
; CURRENT FILING DATE: 2001-03-23
; PRIOR APPLICATION NUMBER: EP 00870057.7
; PRIOR FILING DATE: 2000-03-24
; NUMBER OF SEQ ID NOS: 150
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 134
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: P53 transcriptional factor consensus sequence
; NAME/KEY: misc_feature
; LOCATION: (1)...(22)
; OTHER INFORMATION: n = A,T,C or G
US-09-816-763-134

Query Match          100.0%; Score 10; DB 33; Length 22;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 RRCRCWGYYY 10
Db 22 RRCRCWGYYY 13

RESULT 49
US-10-821-568-134
; Sequence 134, Application US/10821568
; GENERAL INFORMATION:
; APPLICANT: Remacle, Jose
; APPLICANT: Renard, Patricia
; APPLICANT: Art, Muriel
; TITLE OF INVENTION: DETECTION AND KIT FOR THE SCREENING, THE
; TITLE OF INVENTION: DETECTION AND/OR THE QUANTIFICATION OF TRANSCRIPTIONAL

```

```

; TITLE OF INVENTION: FACTORS
; FILE REFERENCE: VANM212.001DV1
; CURRENT APPLICATION NUMBER: US/10/821,568
; CURRENT FILING DATE: 2004-04-08
; PRIOR APPLICATION NUMBER: US 09/816,763
; PRIOR FILING DATE: 2001-03-23
; PRIOR APPLICATION NUMBER: EP 00870057.7
; PRIOR FILING DATE: 2000-03-24
; NUMBER OF SEQ ID NOS: 150
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 134
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: consensus sequence for transcriptional factor p53
; NAME/KEY: misc_feature
; LOCATION: (1)...(22)
; OTHER INFORMATION: n = A,T,C or G
US-10-821-568-134

Query Match          100.0%; Score 10; DB 62; Length 22;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 RRCRCWGYYY 10
Db 13 RRCRCWGYYY 22

RESULT 50
US-10-821-568-134/c
; Sequence 134, Application US/10821568
; GENERAL INFORMATION:
; APPLICANT: Remacle, Jose
; APPLICANT: Renard, Patricia
; APPLICANT: Art, Muriel
; TITLE OF INVENTION: DETECTION AND KIT FOR THE SCREENING, THE
; TITLE OF INVENTION: DETECTION AND/OR THE QUANTIFICATION OF TRANSCRIPTIONAL
; TITLE OF INVENTION: FACTORS
; FILE REFERENCE: VANM212.001DV1
; CURRENT APPLICATION NUMBER: US/10/821,568
; CURRENT FILING DATE: 2004-04-08
; PRIOR APPLICATION NUMBER: US 09/816,763
; PRIOR FILING DATE: 2001-03-23
; PRIOR APPLICATION NUMBER: EP 00870057.7
; PRIOR FILING DATE: 2000-03-24
; NUMBER OF SEQ ID NOS: 150
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 134
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: consensus sequence for transcriptional factor p53
; NAME/KEY: misc_feature
; LOCATION: (1)...(22)
; OTHER INFORMATION: n = A,T,C or G
US-10-821-568-134

Query Match          100.0%; Score 10; DB 62; Length 22;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 RRCRCWGYYY 10
Db 22 RRCRCWGYYY 13

RESULT 51
US-09-816-763-135

```

```

; Sequence 135, Application US/09816763
; GENERAL INFORMATION:
; APPLICANT: Remacle, Jose
; APPLICANT: Renard, Patricia
; APPLICANT: Art, Muriel
; TITLE OF INVENTION: METHOD AND KIT FOR THE SCREENING, THE
; TITLE OF INVENTION: DETECTION AND/OR THE QUANTIFICATION OF TRANSCRIPTIONAL
; FILE REFERENCE: VANN212.001AUS
; CURRENT APPLICATION NUMBER: US/09/816,763
; PRIOR FILING DATE: 2001-03-23
; PRIOR APPLICATION NUMBER: EP 00870057.7
; PRIOR FILING DATE: 2000-03-24
; NUMBER OF SEQ ID NOS: 150
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 135
; LENGTH: 23
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (1)...(23)
; OTHER INFORMATION: n = A,T,C or G
US-09-816-763-135

```

```

Query Match      100.0%; Score 10; DB 33; Length 23;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

```

QY 1 RRRCWGYYY 10
    |||||
DB 14 RRRCWGYYY 23

```

RESULT 52

```

US-09-816-763-135/c
; Sequence 135, Application US/09816763
; GENERAL INFORMATION:
; APPLICANT: Remacle, Jose
; APPLICANT: Renard, Patricia
; APPLICANT: Art, Muriel
; TITLE OF INVENTION: METHOD AND KIT FOR THE SCREENING, THE
; TITLE OF INVENTION: DETECTION AND/OR THE QUANTIFICATION OF TRANSCRIPTIONAL
; FILE REFERENCE: VANN212.001AUS
; CURRENT APPLICATION NUMBER: US/09/816,763
; PRIOR FILING DATE: 2001-03-23
; PRIOR APPLICATION NUMBER: EP 00870057.7
; PRIOR FILING DATE: 2000-03-24
; NUMBER OF SEQ ID NOS: 150
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 135
; LENGTH: 23
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (1)...(23)
; OTHER INFORMATION: n = A,T,C or G
US-09-816-763-135

```

```

Query Match      100.0%; Score 10; DB 33; Length 23;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

```

QY 1 RRRCWGYYY 10
    |||||
DB 23 RRRCWGYYY 14

```

RESULT 53

```

US-09-816-763-135
; Sequence 135, Application US/09816763
; GENERAL INFORMATION:
; APPLICANT: Remacle, Jose
; APPLICANT: Renard, Patricia
; APPLICANT: Art, Muriel
; TITLE OF INVENTION: METHOD AND KIT FOR THE SCREENING, THE
; TITLE OF INVENTION: DETECTION AND/OR THE QUANTIFICATION OF TRANSCRIPTIONAL
; FILE REFERENCE: VANN212.001AUS
; CURRENT APPLICATION NUMBER: US/09/816,763
; PRIOR FILING DATE: 2001-03-23
; PRIOR APPLICATION NUMBER: EP 00870057.7
; PRIOR FILING DATE: 2000-03-24
; NUMBER OF SEQ ID NOS: 150
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 135
; LENGTH: 23
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (1)...(23)
; OTHER INFORMATION: n = A,T,C or G
US-09-816-763-135

```

```

Query Match      100.0%; Score 10; DB 62; Length 23;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

```

US-10-821-568-135
; Sequence 135, Application US/10821568
; GENERAL INFORMATION:
; APPLICANT: Remacle, Jose
; APPLICANT: Renard, Patricia
; APPLICANT: Art, Muriel
; TITLE OF INVENTION: METHOD AND KIT FOR THE SCREENING, THE
; TITLE OF INVENTION: DETECTION AND/OR THE QUANTIFICATION OF TRANSCRIPTIONAL
; FILE REFERENCE: VANN212.001DV1
; CURRENT APPLICATION NUMBER: US/10/821,568
; CURRENT FILING DATE: 2004-04-08
; PRIOR FILING DATE: 2001-03-23
; PRIOR APPLICATION NUMBER: EP 00870057.7
; PRIOR FILING DATE: 2000-03-24
; NUMBER OF SEQ ID NOS: 150
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 135
; LENGTH: 23
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (1)...(23)
; OTHER INFORMATION: n = A,T,C or G
US-10-821-568-135

```

```

Query Match      100.0%; Score 10; DB 62; Length 23;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

```

QY 1 RRRCWGYYY 10
    |||||
DB 14 RRRCWGYYY 23

```

RESULT 54

```

US-10-821-568-135/c
; Sequence 135, Application US/10821568
; GENERAL INFORMATION:
; APPLICANT: Remacle, Jose
; APPLICANT: Renard, Patricia
; APPLICANT: Art, Muriel
; TITLE OF INVENTION: METHOD AND KIT FOR THE SCREENING, THE
; TITLE OF INVENTION: DETECTION AND/OR THE QUANTIFICATION OF TRANSCRIPTIONAL
; FILE REFERENCE: VANN212.001DV1
; CURRENT APPLICATION NUMBER: US/10/821,568
; CURRENT FILING DATE: 2004-04-08
; PRIOR FILING DATE: 2001-03-23
; PRIOR APPLICATION NUMBER: EP 00870057.7
; PRIOR FILING DATE: 2000-03-24
; NUMBER OF SEQ ID NOS: 150
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 135
; LENGTH: 23
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (1)...(23)
; OTHER INFORMATION: n = A,T,C or G
US-10-821-568-135

```

```

Query Match      100.0%; Score 10; DB 62; Length 23;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

```
Qy 1 RRCWGWYYY 10
Db 23 RRCWGWYYY 14

RESULT 55
US-09-816-763-136
; Sequence 136, Application US/09816763
; GENERAL INFORMATION:
; APPLICANT: Remacle, Jose
; APPLICANT: Renard, Patricia
; APPLICANT: Art, Muriel
; TITLE OF INVENTION: METHOD AND KIT FOR THE SCREENING, THE
; TITLE OF INVENTION: DETECTION AND/OR THE QUANTIFICATION OF TRANSCRIPTIONAL
; TITLE OF INVENTION: FACTORS
; FILE REFERENCE: VANM212.001AUS
; CURRENT APPLICATION NUMBER: US/09/816,763
; PRIOR FILING DATE: 2001-03-23
; PRIOR APPLICATION NUMBER: EP 00870057.7
; PRIOR FILING DATE: 2000-03-24
; NUMBER OF SEQ ID NOS: 150
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 136
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (1)...(24)
; OTHER INFORMATION: n = A,T,C or G
US-09-816-763-136

Query Match 100.0%; Score 10; DB 33; Length 24;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 RRCWGWYYY 10
Db 15 RRCWGWYYY 24

RESULT 56
US-09-816-763-136/c
; Sequence 136, Application US/09816763
; GENERAL INFORMATION:
; APPLICANT: Remacle, Jose
; APPLICANT: Renard, Patricia
; APPLICANT: Art, Muriel
; TITLE OF INVENTION: METHOD AND KIT FOR THE SCREENING, THE
; TITLE OF INVENTION: DETECTION AND/OR THE QUANTIFICATION OF TRANSCRIPTIONAL
; TITLE OF INVENTION: FACTORS
; FILE REFERENCE: VANM212.001AUS
; CURRENT APPLICATION NUMBER: US/09/816,763
; PRIOR FILING DATE: 2001-03-23
; PRIOR APPLICATION NUMBER: EP 00870057.7
; PRIOR FILING DATE: 2000-03-24
; NUMBER OF SEQ ID NOS: 150
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 136
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (1)...(24)
; OTHER INFORMATION: n = A,T,C or G
US-09-816-763-136

Query Match 100.0%; Score 10; DB 33; Length 24;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 RRCWGWYYY 10
Db 24 RRCWGWYYY 15

RESULT 57
US-10-821-568-136
; Sequence 136, Application US/10821568
; GENERAL INFORMATION:
; APPLICANT: Remacle, Jose
; APPLICANT: Renard, Patricia
; APPLICANT: Art, Muriel
; TITLE OF INVENTION: METHOD AND KIT FOR THE SCREENING, THE
; TITLE OF INVENTION: DETECTION AND/OR THE QUANTIFICATION OF TRANSCRIPTIONAL
; TITLE OF INVENTION: FACTORS
; FILE REFERENCE: VANM212.001DV1
; CURRENT APPLICATION NUMBER: US/10/821,568
; PRIOR FILING DATE: 2004-04-08
; PRIOR APPLICATION NUMBER: US 09/816,763
; PRIOR FILING DATE: 2001-03-23
; PRIOR APPLICATION NUMBER: EP 00870057.7
; PRIOR FILING DATE: 2000-03-24
; NUMBER OF SEQ ID NOS: 150
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 136
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (1)...(24)
; OTHER INFORMATION: n = A,T,C or G
US-10-821-568-136

Query Match 100.0%; Score 10; DB 62; Length 24;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 RRCWGWYYY 10
Db 15 RRCWGWYYY 24

RESULT 58
US-10-821-568-136/c
; Sequence 136, Application US/10821568
; GENERAL INFORMATION:
; APPLICANT: Remacle, Jose
; APPLICANT: Renard, Patricia
; APPLICANT: Art, Muriel
; TITLE OF INVENTION: METHOD AND KIT FOR THE SCREENING, THE
; TITLE OF INVENTION: DETECTION AND/OR THE QUANTIFICATION OF TRANSCRIPTIONAL
; TITLE OF INVENTION: FACTORS
; FILE REFERENCE: VANM212.001DV1
; CURRENT APPLICATION NUMBER: US/10/821,568
; PRIOR FILING DATE: 2004-04-08
; PRIOR APPLICATION NUMBER: US 09/816,763
; PRIOR FILING DATE: 2001-03-23
; PRIOR APPLICATION NUMBER: EP 00870057.7
; PRIOR FILING DATE: 2000-03-24
; NUMBER OF SEQ ID NOS: 150
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 136
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (1)...(24)
; OTHER INFORMATION: n = A,T,C or G
US-10-821-568-136

Query Match 100.0%; Score 10; DB 62; Length 24;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```



```
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 137
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: consensus sequence for transcriptional factor p53
;
; NAME/KEY: misc_feature
; LOCATION: (1)..(25)
; OTHER INFORMATION: n = A,T,C or G
US-10-821-568-137

Query Match      100.0%; Score 10; DB 62; Length 25;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 RRCWGWYYY 10
   |||||
Db 25 RRCWGWYYY 16

RESULT 63
US-09-816-763-138
; Sequence 138, Application US/09816763
; GENERAL INFORMATION:
; APPLICANT: Remacle, Jose
; APPLICANT: Renard, Patricia
; APPLICANT: Art, Muriel
; TITLE OF INVENTION: METHOD AND KIT FOR THE SCREENING, THE
; TITLE OF INVENTION: DETECTION AND/OR THE QUANTIFICATION OF TRANSCRIPTIONAL
; TITLE OF INVENTION: FACTORS
; FILE REFERENCE: VANM212.001AUS
; CURRENT APPLICATION NUMBER: US/09/816,763
; CURRENT FILING DATE: 2001-03-23
; PRIOR APPLICATION NUMBER: EP 00870057.7
; PRIOR FILING DATE: 2000-03-24
; NUMBER OF SEQ ID NOS: 150
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 138
; LENGTH: 26
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: P53 transcriptional factor consensus sequence
; NAME/KEY: misc_feature
; LOCATION: (1)..(26)
; OTHER INFORMATION: n = A,T,C or G
US-09-816-763-138

Query Match      100.0%; Score 10; DB 33; Length 26;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 RRCWGWYYY 10
   |||||
Db 17 RRCWGWYYY 26

RESULT 64
US-09-816-763-138/c
; Sequence 138, Application US/09816763
; GENERAL INFORMATION:
; APPLICANT: Remacle, Jose
; APPLICANT: Renard, Patricia
; APPLICANT: Art, Muriel
; TITLE OF INVENTION: METHOD AND KIT FOR THE SCREENING, THE
; TITLE OF INVENTION: DETECTION AND/OR THE QUANTIFICATION OF TRANSCRIPTIONAL
; TITLE OF INVENTION: FACTORS
; FILE REFERENCE: VANM212.001AUS
; CURRENT APPLICATION NUMBER: US/09/816,763
; CURRENT FILING DATE: 2001-03-23
; PRIOR APPLICATION NUMBER: EP 00870057.7
```

```
; PRIOR FILING DATE: 2000-03-24
; NUMBER OF SEQ ID NOS: 150
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 138
; LENGTH: 26
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: P53 transcriptional factor consensus sequence
; NAME/KEY: misc_feature
; LOCATION: (1)..(26)
; OTHER INFORMATION: n = A,T,C or G
US-09-816-763-138

Query Match      100.0%; Score 10; DB 33; Length 26;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 RRCWGWYYY 10
   |||||
Db 26 RRCWGWYYY 17

RESULT 65
US-10-821-568-138
; Sequence 138, Application US/10821568
; GENERAL INFORMATION:
; APPLICANT: Remacle, Jose
; APPLICANT: Renard, Patricia
; APPLICANT: Art, Muriel
; TITLE OF INVENTION: METHOD AND KIT FOR THE SCREENING, THE
; TITLE OF INVENTION: DETECTION AND/OR THE QUANTIFICATION OF TRANSCRIPTIONAL
; TITLE OF INVENTION: FACTORS
; FILE REFERENCE: VANM212.001DV1
; CURRENT APPLICATION NUMBER: US/10/821,568
; CURRENT FILING DATE: 2004-04-08
; PRIOR APPLICATION NUMBER: US 09/816,763
; PRIOR FILING DATE: 2001-03-23
; PRIOR APPLICATION NUMBER: EP 00870057.7
; PRIOR FILING DATE: 2000-03-24
; NUMBER OF SEQ ID NOS: 150
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 138
; LENGTH: 26
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: consensus sequence for transcriptional factor p53
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (1)..(26)
; OTHER INFORMATION: n = A,T,C or G
US-10-821-568-138

Query Match      100.0%; Score 10; DB 62; Length 26;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 RRCWGWYYY 10
   |||||
Db 17 RRCWGWYYY 26

RESULT 66
US-10-821-568-138/c
; Sequence 138, Application US/10821568
; GENERAL INFORMATION:
; APPLICANT: Remacle, Jose
; APPLICANT: Renard, Patricia
; APPLICANT: Art, Muriel
; TITLE OF INVENTION: METHOD AND KIT FOR THE SCREENING, THE
; TITLE OF INVENTION: DETECTION AND/OR THE QUANTIFICATION OF TRANSCRIPTIONAL
; TITLE OF INVENTION: FACTORS
```

```
FILE REFERENCE: VANM212.001DVI
CURRENT APPLICATION NUMBER: US/10/821,568
CURRENT FILING DATE: 2004-04-08
PRIOR APPLICATION NUMBER: US 09/816,763
PRIOR FILING DATE: 2001-03-23
PRIOR APPLICATION NUMBER: EP 00870057.7
PRIOR FILING DATE: 2000-03-24
NUMBER OF SEQ ID NOS: 150
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 138
LENGTH: 26
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: consensus sequence for transcriptional factor p53
NAME/KEY: misc feature
LOCATION: (1)...(26)
OTHER INFORMATION: n = A,T,C or G
US-10-821-568-138

Query Match      100.0%; Score 10; DB 62; Length 26;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 RRRRCWGYYY 10
Db 26 RRRRCWGYYY 17

RESULT 67
US-09-816-763-139
Sequence 139, Application US/09816763
GENERAL INFORMATION:
APPLICANT: Remacle, Jose
APPLICANT: Renard, Patricia
TITLE OF INVENTION: METHOD AND KIT FOR THE SCREENING, THE
TITLE OF INVENTION: DETECTION AND/OR THE QUANTIFICATION OF TRANSCRIPTIONAL
TITLE OF INVENTION: FACTORS
FILE REFERENCE: VANM212.001AUS
CURRENT APPLICATION NUMBER: US/09/816,763
CURRENT FILING DATE: 2001-03-23
PRIOR APPLICATION NUMBER: EP 00870057.7
PRIOR FILING DATE: 2000-03-24
NUMBER OF SEQ ID NOS: 150
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 139
LENGTH: 27
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: P53 transcriptional factor consensus sequence
NAME/KEY: misc feature
LOCATION: (1)...(27)
OTHER INFORMATION: n = A,T,C or G
US-09-816-763-139

Query Match      100.0%; Score 10; DB 33; Length 27;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 RRRRCWGYYY 10
Db 18 RRRRCWGYYY 27

RESULT 68
US-09-816-763-139/c
Sequence 139, Application US/09816763
GENERAL INFORMATION:
APPLICANT: Remacle, Jose
APPLICANT: Renard, Patricia
```

```
APPLICANT: Art, Muriel
TITLE OF INVENTION: METHOD AND KIT FOR THE SCREENING, THE
TITLE OF INVENTION: DETECTION AND/OR THE QUANTIFICATION OF TRANSCRIPTIONAL
TITLE OF INVENTION: FACTORS
FILE REFERENCE: VANM212.001AUS
CURRENT APPLICATION NUMBER: US/09/816,763
CURRENT FILING DATE: 2001-03-23
PRIOR APPLICATION NUMBER: EP 00870057.7
PRIOR FILING DATE: 2000-03-24
NUMBER OF SEQ ID NOS: 150
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 139
LENGTH: 27
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: P53 transcriptional factor consensus sequence
NAME/KEY: misc feature
LOCATION: (1)...(27)
OTHER INFORMATION: n = A,T,C or G
US-09-816-763-139

Query Match      100.0%; Score 10; DB 33; Length 27;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 RRRRCWGYYY 10
Db 27 RRRRCWGYYY 18
```

```
RESULT 69
US-10-821-568-139
Sequence 139, Application US/10821568
GENERAL INFORMATION:
APPLICANT: Remacle, Jose
APPLICANT: Renard, Patricia
TITLE OF INVENTION: METHOD AND KIT FOR THE SCREENING, THE
TITLE OF INVENTION: DETECTION AND/OR THE QUANTIFICATION OF TRANSCRIPTIONAL
TITLE OF INVENTION: FACTORS
FILE REFERENCE: VANM212.001DVI
CURRENT APPLICATION NUMBER: US/10/821,568
CURRENT FILING DATE: 2004-04-08
PRIOR APPLICATION NUMBER: US 09/816,763
PRIOR FILING DATE: 2001-03-23
PRIOR APPLICATION NUMBER: EP 00870057.7
PRIOR FILING DATE: 2000-03-24
NUMBER OF SEQ ID NOS: 150
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 139
LENGTH: 27
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: consensus sequence for transcriptional factor p53
NAME/KEY: misc feature
LOCATION: (1)...(27)
OTHER INFORMATION: n = A,T,C or G
US-10-821-568-139

Query Match      100.0%; Score 10; DB 62; Length 27;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 RRRRCWGYYY 10
Db 18 RRRRCWGYYY 27
```

```
RESULT 70
US-10-821-568-139/c
```

```
; Sequence 139, Application US/10821568
; GENERAL INFORMATION:
; APPLICANT: Remacle, Jose
; APPLICANT: Renard, Patricia
; APPLICANT: Art, Muriel
; TITLE OF INVENTION: METHOD AND KIT FOR THE SCREENING, THE
; TITLE OF INVENTION: DETECTION AND/OR THE QUANTIFICATION OF TRANSCRIPTIONAL
; TITLE OF INVENTION: FACTORS
; FILE REFERENCE: VANW212.001DV1
; CURRENT APPLICATION NUMBER: US/10/821,568
; CURRENT FILING DATE: 2004-04-08
; PRIOR APPLICATION NUMBER: US 09/816,763
; PRIOR FILING DATE: 2001-03-23
; PRIOR APPLICATION NUMBER: EP 00870057.7
; PRIOR FILING DATE: 2000-03-24
; NUMBER OF SEQ ID NOS: 150
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 139
; LENGTH: 27
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: consensus sequence for transcriptional factor p53
; NAME/KEY: misc_feature
; LOCATION: (1)...(27)
; OTHER INFORMATION: n = A,T,C or G
US-10-821-568-139
```

```
Query Match 100.0%; Score 10; DB 62; Length 27;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 RRRCWGYY 10
   |||||
Db 27 RRRCWGYY 18
```

```
RESULT 71
US-09-816-763-140
; Sequence 140, Application US/09816763
; GENERAL INFORMATION:
; APPLICANT: Remacle, Jose
; APPLICANT: Renard, Patricia
; APPLICANT: Art, Muriel
; TITLE OF INVENTION: METHOD AND KIT FOR THE SCREENING, THE
; TITLE OF INVENTION: DETECTION AND/OR THE QUANTIFICATION OF TRANSCRIPTIONAL
; TITLE OF INVENTION: FACTORS
; FILE REFERENCE: VANW212.001AUS
; CURRENT APPLICATION NUMBER: US/09/816,763
; CURRENT FILING DATE: 2001-03-23
; PRIOR APPLICATION NUMBER: EP 00870057.7
; PRIOR FILING DATE: 2000-03-24
; NUMBER OF SEQ ID NOS: 150
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 140
; LENGTH: 28
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: P53 transcriptional factor consensus sequence
; NAME/KEY: misc_feature
; LOCATION: (1)...(28)
; OTHER INFORMATION: n = A,T,C or G
US-09-816-763-140
```

```
Query Match 100.0%; Score 10; DB 33; Length 28;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 RRRCWGYY 10
   |||||
Db 19 RRRCWGYY 28
```

```
RESULT 72
US-09-816-763-140/c
; Sequence 140, Application US/09816763
; GENERAL INFORMATION:
; APPLICANT: Remacle, Jose
; APPLICANT: Renard, Patricia
; APPLICANT: Art, Muriel
; TITLE OF INVENTION: METHOD AND KIT FOR THE SCREENING, THE
; TITLE OF INVENTION: DETECTION AND/OR THE QUANTIFICATION OF TRANSCRIPTIONAL
; TITLE OF INVENTION: FACTORS
; FILE REFERENCE: VANW212.001AUS
; CURRENT APPLICATION NUMBER: US/09/816,763
; CURRENT FILING DATE: 2001-03-23
; PRIOR APPLICATION NUMBER: EP 00870057.7
; PRIOR FILING DATE: 2000-03-24
; NUMBER OF SEQ ID NOS: 150
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 140
; LENGTH: 28
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: P53 transcriptional factor consensus sequence
; NAME/KEY: misc_feature
; LOCATION: (1)...(28)
; OTHER INFORMATION: n = A,T,C or G
US-09-816-763-140
```

```
Query Match 100.0%; Score 10; DB 33; Length 28;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 RRRCWGYY 10
   |||||
Db 28 RRRCWGYY 19
```

```
RESULT 73
US-10-821-568-140
; Sequence 140, Application US/10821568
; GENERAL INFORMATION:
; APPLICANT: Remacle, Jose
; APPLICANT: Renard, Patricia
; APPLICANT: Art, Muriel
; TITLE OF INVENTION: METHOD AND KIT FOR THE SCREENING, THE
; TITLE OF INVENTION: DETECTION AND/OR THE QUANTIFICATION OF TRANSCRIPTIONAL
; TITLE OF INVENTION: FACTORS
; FILE REFERENCE: VANW212.001DV1
; CURRENT APPLICATION NUMBER: US/10/821,568
; CURRENT FILING DATE: 2004-04-08
; PRIOR APPLICATION NUMBER: US 09/816,763
; PRIOR FILING DATE: 2001-03-23
; PRIOR APPLICATION NUMBER: EP 00870057.7
; PRIOR FILING DATE: 2000-03-24
; NUMBER OF SEQ ID NOS: 150
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 140
; LENGTH: 28
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: consensus sequence for transcriptional factor p53
; NAME/KEY: misc_feature
; LOCATION: (1)...(28)
; OTHER INFORMATION: n = A,T,C or G
US-10-821-568-140
```

```
Query Match 100.0%; Score 10; DB 62; Length 28;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```



```
QY      1 RRRRCWGYYY 10
      |||||
Db     19 RRRRCWGYYY 28

RESULT 74
US-10-821-568-140/c
; Sequence 140, Application US/10821568
; GENERAL INFORMATION:
; APPLICANT: Remacle, Jose
; APPLICANT: Renard, Patricia
; APPLICANT: Art. Muriel
; TITLE OF INVENTION: METHOD AND KIT FOR THE SCREENING, THE
; TITLE OF INVENTION: DETECTION AND/OR THE QUANTIFICATION OF TRANSCRIPTIONAL
; TITLE OF INVENTION: FACTORS
; FILE REFERENCE: VANM212.001DV1
; CURRENT APPLICATION NUMBER: US/10/821,568
; CURRENT FILING DATE: 2004-04-08
; PRIOR FILING DATE: 2001-03-23
; PRIOR APPLICATION NUMBER: EP 00870057.7
; PRIOR FILING DATE: 2000-03-24
; NUMBER OF SEQ ID NOS: 150
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 140
; LENGTH: 28
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: consensus sequence for transcriptional factor p53
; NAME/KEY: misc feature
; LOCATION: (1)...(28)
; OTHER INFORMATION: n = A,T,C or G
US-10-821-568-140

Query Match      100.0%; Score 10; DB 62; Length 28;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1 RRRRCWGYYY 10
      |||||
Db     28 RRRRCWGYYY 19

RESULT 75
US-09-816-763-141
; Sequence 141, Application US/09816763
; GENERAL INFORMATION:
; APPLICANT: Remacle, Jose
; APPLICANT: Renard, Patricia
; APPLICANT: Art. Muriel
; TITLE OF INVENTION: METHOD AND KIT FOR THE SCREENING, THE
; TITLE OF INVENTION: DETECTION AND/OR THE QUANTIFICATION OF TRANSCRIPTIONAL
; TITLE OF INVENTION: FACTORS
; FILE REFERENCE: VANM212.001AUS
; CURRENT APPLICATION NUMBER: US/09/816,763
; CURRENT FILING DATE: 2001-03-23
; PRIOR FILING DATE: 2004-04-08
; PRIOR APPLICATION NUMBER: EP 00870057.7
; PRIOR FILING DATE: 2000-03-24
; NUMBER OF SEQ ID NOS: 150
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 141
; LENGTH: 29
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: P53 transcriptional factor consensus sequence
; NAME/KEY: misc_feature
; LOCATION: (1)...(29)
; OTHER INFORMATION: n = A,T,C or G
US-09-816-763-141
```

```
Query Match      100.0%; Score 10; DB 33; Length 29;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1 RRRRCWGYYY 10
      |||||
Db     20 RRRRCWGYYY 29

RESULT 76
US-09-816-763-141/c
; Sequence 141, Application US/09816763
; GENERAL INFORMATION:
; APPLICANT: Remacle, Jose
; APPLICANT: Renard, Patricia
; APPLICANT: Art. Muriel
; TITLE OF INVENTION: METHOD AND KIT FOR THE SCREENING, THE
; TITLE OF INVENTION: DETECTION AND/OR THE QUANTIFICATION OF TRANSCRIPTIONAL
; TITLE OF INVENTION: FACTORS
; FILE REFERENCE: VANM212.001AUS
; CURRENT APPLICATION NUMBER: US/09/816,763
; CURRENT FILING DATE: 2001-03-23
; PRIOR APPLICATION NUMBER: EP 00870057.7
; PRIOR FILING DATE: 2000-03-24
; NUMBER OF SEQ ID NOS: 150
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 141
; LENGTH: 29
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: P53 transcriptional factor consensus sequence
; NAME/KEY: misc feature
; LOCATION: (1)...(29)
; OTHER INFORMATION: n = A,T,C or G
US-09-816-763-141

Query Match      100.0%; Score 10; DB 33; Length 29;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1 RRRRCWGYYY 10
      |||||
Db     29 RRRRCWGYYY 20

RESULT 77
US-10-821-568-141
; Sequence 141, Application US/10821568
; GENERAL INFORMATION:
; APPLICANT: Remacle, Jose
; APPLICANT: Renard, Patricia
; APPLICANT: Art. Muriel
; TITLE OF INVENTION: METHOD AND KIT FOR THE SCREENING, THE
; TITLE OF INVENTION: DETECTION AND/OR THE QUANTIFICATION OF TRANSCRIPTIONAL
; TITLE OF INVENTION: FACTORS
; FILE REFERENCE: VANM212.001DV1
; CURRENT APPLICATION NUMBER: US/10/821,568
; CURRENT FILING DATE: 2004-04-08
; PRIOR APPLICATION NUMBER: US 09/816,763
; PRIOR FILING DATE: 2001-03-23
; PRIOR APPLICATION NUMBER: EP 00870057.7
; PRIOR FILING DATE: 2000-03-24
; NUMBER OF SEQ ID NOS: 150
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 141
; LENGTH: 29
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: consensus sequence for transcriptional factor p53
US-10-821-568-141
```

```
; NAME/KEY: misc feature
; LOCATION: (1) _..(29)
; OTHER INFORMATION: n = A,T,C or G
US-10-821-568-141

Query Match      100.0%; Score 10; DB 62; Length 29;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 RRRCWGYYY 10
Db 20 RRRCWGYYY 29

RESULT 78
US-10-821-568-141/c
; Sequence 141, Application US/10821568
; GENERAL INFORMATION:
; APPLICANT: Remacle, Jose
; APPLICANT: Renard, Patricia
; APPLICANT: Art, Muriel
; TITLE OF INVENTION: METHOD AND KIT FOR THE SCREENING, THE
; TITLE OF INVENTION: DETECTION AND/OR THE QUANTIFICATION OF TRANSCRIPTIONAL
; TITLE OF INVENTION: FACTORS
; FILE REFERENCE: VANM212.001DV1
; CURRENT APPLICATION NUMBER: US/10/821,568
; CURRENT FILING DATE: 2004-04-08
; PRIOR APPLICATION NUMBER: US 09/816,763
; PRIOR FILING DATE: 2001-03-23
; PRIOR APPLICATION NUMBER: EP 00870057.7
; PRIOR FILING DATE: 2000-03-24
; NUMBER OF SEQ ID NOS: 150
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 141
; LENGTH: 29
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: consensus sequence for transcriptional factor p53
; NAME/KEY: misc feature
; LOCATION: (1) _..(29)
; OTHER INFORMATION: n = A,T,C or G
US-10-821-568-141

Query Match      100.0%; Score 10; DB 62; Length 29;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 RRRCWGYYY 10
Db 29 RRRCWGYYY 20

RESULT 79
US-09-816-763-142
; Sequence 142, Application US/09816763
; GENERAL INFORMATION:
; APPLICANT: Remacle, Jose
; APPLICANT: Renard, Patricia
; APPLICANT: Art, Muriel
; TITLE OF INVENTION: METHOD AND KIT FOR THE SCREENING, THE
; TITLE OF INVENTION: DETECTION AND/OR THE QUANTIFICATION OF TRANSCRIPTIONAL
; TITLE OF INVENTION: FACTORS
; FILE REFERENCE: VANM212.001AUS
; CURRENT APPLICATION NUMBER: US/09/816,763
; CURRENT FILING DATE: 2001-03-23
; CURRENT APPLICATION NUMBER: EP 00870057.7
; PRIOR APPLICATION NUMBER: EP 00870057.7
; PRIOR FILING DATE: 2000-03-24
; NUMBER OF SEQ ID NOS: 150
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 142
; LENGTH: 30
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: consensus sequence for transcriptional factor p53
; NAME/KEY: misc feature
; LOCATION: (1) _..(29)
; OTHER INFORMATION: n = A,T,C or G
US-09-816-763-142/c
; Sequence 142, Application US/09816763
; GENERAL INFORMATION:
; APPLICANT: Remacle, Jose
; APPLICANT: Renard, Patricia
; APPLICANT: Art, Muriel
; TITLE OF INVENTION: METHOD AND KIT FOR THE SCREENING, THE
; TITLE OF INVENTION: DETECTION AND/OR THE QUANTIFICATION OF TRANSCRIPTIONAL
; TITLE OF INVENTION: FACTORS
; FILE REFERENCE: VANM212.001AUS
; CURRENT APPLICATION NUMBER: US/09/816,763
; CURRENT FILING DATE: 2001-03-23
; CURRENT APPLICATION NUMBER: EP 00870057.7
; PRIOR APPLICATION NUMBER: EP 00870057.7
; PRIOR FILING DATE: 2000-03-24
; NUMBER OF SEQ ID NOS: 150
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 142
; LENGTH: 30
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: consensus sequence for transcriptional factor p53
; NAME/KEY: misc feature
; LOCATION: (1) _..(30)
; OTHER INFORMATION: n = A,T,C or G
US-09-816-763-142

Query Match      100.0%; Score 10; DB 33; Length 30;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 RRRCWGYYY 10
Db 30 RRRCWGYYY 21

RESULT 80
US-09-816-763-142/c
; Sequence 142, Application US/09816763
; GENERAL INFORMATION:
; APPLICANT: Remacle, Jose
; APPLICANT: Renard, Patricia
; APPLICANT: Art, Muriel
; TITLE OF INVENTION: METHOD AND KIT FOR THE SCREENING, THE
; TITLE OF INVENTION: DETECTION AND/OR THE QUANTIFICATION OF TRANSCRIPTIONAL
; TITLE OF INVENTION: FACTORS
; FILE REFERENCE: VANM212.001AUS
; CURRENT APPLICATION NUMBER: US/09/816,763
; CURRENT FILING DATE: 2001-03-23
; CURRENT APPLICATION NUMBER: EP 00870057.7
; PRIOR APPLICATION NUMBER: EP 00870057.7
; PRIOR FILING DATE: 2000-03-24
; NUMBER OF SEQ ID NOS: 150
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 142
; LENGTH: 30
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: P53 transcriptional factor consensus sequence
; NAME/KEY: misc feature
; LOCATION: (1) _..(30)
; OTHER INFORMATION: n = A,T,C or G
US-09-816-763-142

Query Match      100.0%; Score 10; DB 33; Length 30;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 RRRCWGYYY 10
Db 30 RRRCWGYYY 21

RESULT 81
US-10-821-568-142
; Sequence 142, Application US/10821568
; GENERAL INFORMATION:
; APPLICANT: Remacle, Jose
; APPLICANT: Renard, Patricia
; APPLICANT: Art, Muriel
; TITLE OF INVENTION: METHOD AND KIT FOR THE SCREENING, THE
; TITLE OF INVENTION: DETECTION AND/OR THE QUANTIFICATION OF TRANSCRIPTIONAL
; TITLE OF INVENTION: FACTORS
; FILE REFERENCE: VANM212.001DV1
; CURRENT APPLICATION NUMBER: US/10/821,568
; CURRENT FILING DATE: 2004-04-08
; PRIOR APPLICATION NUMBER: US 09/816,763
; PRIOR FILING DATE: 2001-03-23
; PRIOR APPLICATION NUMBER: EP 00870057.7
; PRIOR FILING DATE: 2000-03-24
; NUMBER OF SEQ ID NOS: 150
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 142
; LENGTH: 30
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: consensus sequence for transcriptional factor p53
; NAME/KEY: misc feature
; LOCATION: (1) _..(29)
; OTHER INFORMATION: n = A,T,C or G
US-10-821-568-141/c
; Sequence 141, Application US/10821568
; GENERAL INFORMATION:
; APPLICANT: Remacle, Jose
; APPLICANT: Renard, Patricia
; APPLICANT: Art, Muriel
; TITLE OF INVENTION: METHOD AND KIT FOR THE SCREENING, THE
; TITLE OF INVENTION: DETECTION AND/OR THE QUANTIFICATION OF TRANSCRIPTIONAL
; TITLE OF INVENTION: FACTORS
; FILE REFERENCE: VANM212.001DV1
; CURRENT APPLICATION NUMBER: US/10/821,568
; CURRENT FILING DATE: 2004-04-08
; PRIOR APPLICATION NUMBER: US 09/816,763
; PRIOR FILING DATE: 2001-03-23
; PRIOR APPLICATION NUMBER: EP 00870057.7
; PRIOR FILING DATE: 2000-03-24
; NUMBER OF SEQ ID NOS: 150
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 141
; LENGTH: 29
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: consensus sequence for transcriptional factor p53
; NAME/KEY: misc feature
; LOCATION: (1) _..(29)
; OTHER INFORMATION: n = A,T,C or G
US-10-821-568-141
```



```
; FILE REFERENCE: VANM212.001DV1
; CURRENT APPLICATION NUMBER: US/10/821,568
; CURRENT FILING DATE: 2004-04-08
; PRIOR APPLICATION NUMBER: US 09/816,763
; PRIOR FILING DATE: 2001-03-23
; PRIOR APPLICATION NUMBER: EP 00870057.7
; PRIOR FILING DATE: 2000-03-24
; NUMBER OF SEQ ID NOS: 150
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 143
; LENGTH: 31
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: consensus sequence for transcriptional factor p53
; NAME/KEY: misc_feature
; LOCATION: (1)...(31)
; OTHER INFORMATION: n = A,T,C or G
US-10-821-568-143

Query Match      100.0%; Score 10; DB 62; Length 31;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 RRRCWGYYY 10
Db 22 RRRCWGYYY 31

RESULT 86
US-10-821-568-143/C
; Sequence 143, Application US/10821568
; GENERAL INFORMATION:
; APPLICANT: Remacle, Jose
; APPLICANT: Renard, Patricia
; APPLICANT: Art, Muriel
; TITLE OF INVENTION: METHOD AND KIT FOR THE SCREENING, THE
; TITLE OF INVENTION: DETECTION AND/OR THE QUANTIFICATION OF TRANSCRIPTIONAL
; TITLE OF INVENTION: FACTORS
; FILE REFERENCE: VANM212.001DV1
; CURRENT APPLICATION NUMBER: US/10/821,568
; CURRENT FILING DATE: 2004-04-08
; PRIOR APPLICATION NUMBER: US 09/816,763
; PRIOR FILING DATE: 2001-03-23
; PRIOR APPLICATION NUMBER: EP 00870057.7
; PRIOR FILING DATE: 2000-03-24
; NUMBER OF SEQ ID NOS: 150
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 143
; LENGTH: 31
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: consensus sequence for transcriptional factor p53
; NAME/KEY: misc_feature
; LOCATION: (1)...(31)
; OTHER INFORMATION: n = A,T,C or G
US-10-821-568-143

Query Match      100.0%; Score 10; DB 62; Length 31;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 RRRCWGYYY 10
Db 31 RRRCWGYYY 22

RESULT 87
US-09-816-763-144
; Sequence 144, Application US/09816763
```

```
; GENERAL INFORMATION:
; APPLICANT: Remacle, Jose
; APPLICANT: Renard, Patricia
; APPLICANT: Art, Muriel
; TITLE OF INVENTION: METHOD AND KIT FOR THE SCREENING, THE
; TITLE OF INVENTION: DETECTION AND/OR THE QUANTIFICATION OF TRANSCRIPTIONAL
; TITLE OF INVENTION: FACTORS
; FILE REFERENCE: VANM212.001AUS
; CURRENT APPLICATION NUMBER: US/09/816,763
; CURRENT FILING DATE: 2001-03-23
; PRIOR APPLICATION NUMBER: EP 00870057.7
; PRIOR FILING DATE: 2000-03-24
; NUMBER OF SEQ ID NOS: 150
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 144
; LENGTH: 32
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: P53 transcriptional factor consensus sequence
; NAME/KEY: misc_feature
; LOCATION: (1)...(32)
; OTHER INFORMATION: n = A,T,C or G
US-09-816-763-144

Query Match      100.0%; Score 10; DB 33; Length 32;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 RRRCWGYYY 10
Db 23 RRRCWGYYY 32
```

```
RESULT 88
US-09-816-763-144/C
; Sequence 144, Application US/09816763
; GENERAL INFORMATION:
; APPLICANT: Remacle, Jose
; APPLICANT: Renard, Patricia
; APPLICANT: Art, Muriel
; TITLE OF INVENTION: METHOD AND KIT FOR THE SCREENING, THE
; TITLE OF INVENTION: DETECTION AND/OR THE QUANTIFICATION OF TRANSCRIPTIONAL
; TITLE OF INVENTION: FACTORS
; FILE REFERENCE: VANM212.001AUS
; CURRENT APPLICATION NUMBER: US/09/816,763
; CURRENT FILING DATE: 2001-03-23
; PRIOR APPLICATION NUMBER: EP 00870057.7
; PRIOR FILING DATE: 2000-03-24
; NUMBER OF SEQ ID NOS: 150
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 144
; LENGTH: 32
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: P53 transcriptional factor consensus sequence
; NAME/KEY: misc_feature
; LOCATION: (1)...(32)
; OTHER INFORMATION: n = A,T,C or G
US-09-816-763-144

Query Match      100.0%; Score 10; DB 33; Length 32;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 RRRCWGYYY 10
Db 32 RRRCWGYYY 23
```

```
RESULT 89
US-10-821-568-144
```

```
; Sequence 144, Application US/10821568
; GENERAL INFORMATION:
; APPLICANT: Remacle, Jose
; APPLICANT: Renard, Patricia
; APPLICANT: Art, Muriel
; TITLE OF INVENTION: METHOD AND KIT FOR THE SCREENING, THE
; TITLE OF INVENTION: DETECTION AND/OR THE QUANTIFICATION OF TRANSCRIPTIONAL
; TITLE OF INVENTION: FACTORS
; FILE REFERENCE: VANM212.001DVI
; CURRENT APPLICATION NUMBER: US/10/821,568
; CURRENT FILING DATE: 2004-04-08
; PRIOR APPLICATION NUMBER: US 09/816,763
; PRIOR FILING DATE: 2001-03-23
; PRIOR APPLICATION NUMBER: EP 00870057.7
; PRIOR FILING DATE: 2000-03-24
; NUMBER OF SEQ ID NOS: 150
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 144
; LENGTH: 32
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: consensus sequence for transcriptional factor p53
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (1)...(32)
; OTHER INFORMATION: n = A,T,C or G
US-10-821-568-144

Query Match      100.0%; Score 10; DB 62; Length 32;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1 RRRCWGYYY 10
DB      23 RRRCWGYYY 32
      |||||
RESULT 90
US-10-821-568-144/c
; Sequence 144, Application US/10821568
; GENERAL INFORMATION:
; APPLICANT: Remacle, Jose
; APPLICANT: Renard, Patricia
; APPLICANT: Art, Muriel
; TITLE OF INVENTION: METHOD AND KIT FOR THE SCREENING, THE
; TITLE OF INVENTION: DETECTION AND/OR THE QUANTIFICATION OF TRANSCRIPTIONAL
; TITLE OF INVENTION: FACTORS
; FILE REFERENCE: VANM212.001DVI
; CURRENT APPLICATION NUMBER: US/10/821,568
; CURRENT FILING DATE: 2004-04-08
; PRIOR APPLICATION NUMBER: US 09/816,763
; PRIOR FILING DATE: 2001-03-23
; PRIOR APPLICATION NUMBER: EP 00870057.7
; PRIOR FILING DATE: 2000-03-24
; NUMBER OF SEQ ID NOS: 150
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 144
; LENGTH: 32
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: consensus sequence for transcriptional factor p53
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (1)...(32)
; OTHER INFORMATION: n = A,T,C or G
US-10-821-568-144

Query Match      100.0%; Score 10; DB 62; Length 32;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
QY      1 RRRCWGYYY 10
DB      32 RRRCWGYYY 23
      |||||
RESULT 91
US-10-108-877A-13
; Sequence 13, Application US/10108877A
; GENERAL INFORMATION:
; APPLICANT: Murphy, Maureen E.
; TITLE OF INVENTION: Compositions and Methods for
; TITLE OF INVENTION: P53-Mediated Repression of Gene Expression
; FILE REFERENCE: 0149-FCCC-99-03-CIP
; CURRENT APPLICATION NUMBER: US/10/108,877A
; CURRENT FILING DATE: 2002-03-28
; PRIOR APPLICATION NUMBER: PCT/US00/27078
; PRIOR FILING DATE: 2000-10-02
; PRIOR APPLICATION NUMBER: US 60/157,171
; PRIOR FILING DATE: 1999-09-30
; NUMBER OF SEQ ID NOS: 13
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 13
; LENGTH: 33
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: synthetic sequence
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (11)...(11)
; OTHER INFORMATION: n = 0 to 13 nucleotides of any sequence
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (22)...(22)
; OTHER INFORMATION: n = 0 to 15 nucleotides of any sequence
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (28)...(28)
; OTHER INFORMATION: n = 5 to 6 nucleotides of any sequence
US-10-108-877A-13

Query Match      100.0%; Score 10; DB 42; Length 33;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1 RRRCWGYYY 10
DB      1 RRRCWGYYY 10
      |||||
RESULT 92
US-10-108-877A-13/c
; Sequence 13, Application US/10108877A
; GENERAL INFORMATION:
; APPLICANT: Murphy, Maureen E.
; TITLE OF INVENTION: Compositions and Methods for
; TITLE OF INVENTION: P53-Mediated Repression of Gene Expression
; FILE REFERENCE: 0149-FCCC-99-03-CIP
; CURRENT APPLICATION NUMBER: US/10/108,877A
; CURRENT FILING DATE: 2002-03-28
; PRIOR APPLICATION NUMBER: PCT/US00/27078
; PRIOR FILING DATE: 2000-10-02
; PRIOR APPLICATION NUMBER: US 60/157,171
; PRIOR FILING DATE: 1999-09-30
; NUMBER OF SEQ ID NOS: 13
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 13
; LENGTH: 33
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: synthetic sequence
; FEATURE:
```

```

; NAME/KEY: misc feature
; LOCATION: (11)...(11)
; OTHER INFORMATION: n = 0 to 13 nucleotides of any sequence
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (22)...(22)
; OTHER INFORMATION: n = 0 to 15 nucleotides of any sequence
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (28)...(28)
; OTHER INFORMATION: n = 5 to 6 nucleotides of any sequence
US-10-108-877A-13

Query Match      100.0%; Score 10; DB 42; Length 33;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 RRCWGWYYY 10
Db 21 RRCWGWYYY 12

RESULT 93
US-10-821-568-145
; Sequence 145, Application US/10821568
; GENERAL INFORMATION:
; APPLICANT: Remacle, Jose
; APPLICANT: Renard, Patricia
; APPLICANT: Art, Muriel
; TITLE OF INVENTION: METHOD AND KIT FOR THE SCREENING, THE
; TITLE OF INVENTION: DETECTION AND/OR THE QUANTIFICATION OF TRANSCRIPTIONAL
; TITLE OF INVENTION: FACTORS
; FILE REFERENCE: VANM212.001DV1
; CURRENT APPLICATION NUMBER: US/10/821,568
; CURRENT FILING DATE: 2004-04-08
; PRIOR APPLICATION NUMBER: US 09/816,763
; PRIOR FILING DATE: 2001-03-23
; PRIOR APPLICATION NUMBER: EP 00870057.7
; PRIOR FILING DATE: 2000-03-24
; NUMBER OF SEQ ID NOS: 150
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 145
; LENGTH: 33
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: consensus sequence for transcriptional factor p53
US-10-821-568-145

Query Match      100.0%; Score 10; DB 62; Length 33;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 RRCWGWYYY 10
Db 24 RRCWGWYYY 33

RESULT 94
US-10-821-568-145/c
; Sequence 145, Application US/10821568
; GENERAL INFORMATION:
; APPLICANT: Remacle, Jose
; APPLICANT: Renard, Patricia
; APPLICANT: Art, Muriel
; TITLE OF INVENTION: METHOD AND KIT FOR THE SCREENING, THE
; TITLE OF INVENTION: DETECTION AND/OR THE QUANTIFICATION OF TRANSCRIPTIONAL
; TITLE OF INVENTION: FACTORS
; FILE REFERENCE: VANM212.001DV1

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; CURRENT APPLICATION NUMBER: US/10/821,568
; CURRENT FILING DATE: 2004-04-08
; PRIOR APPLICATION NUMBER: US 09/816,763
; PRIOR FILING DATE: 2001-03-23
; PRIOR APPLICATION NUMBER: EP 00870057.7
; PRIOR FILING DATE: 2000-03-24
; NUMBER OF SEQ ID NOS: 150
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 145
; LENGTH: 33
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: consensus sequence for transcriptional factor p53
; NAME/KEY: misc feature
; LOCATION: (1)...(33)
; OTHER INFORMATION: n = A,T,C or G
US-10-821-568-145

Query Match      100.0%; Score 10; DB 62; Length 33;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 RRCWGWYYY 10
Db 33 RRCWGWYYY 24

RESULT 95
US-09-816-763-145
; Sequence 145, Application US/09816763
; GENERAL INFORMATION:
; APPLICANT: Remacle, Jose
; APPLICANT: Renard, Patricia
; APPLICANT: Art, Muriel
; TITLE OF INVENTION: METHOD AND KIT FOR THE SCREENING, THE
; TITLE OF INVENTION: DETECTION AND/OR THE QUANTIFICATION OF TRANSCRIPTIONAL
; TITLE OF INVENTION: FACTORS
; FILE REFERENCE: VANM212.001AUS
; CURRENT APPLICATION NUMBER: US/09/816,763
; CURRENT FILING DATE: 2001-03-23
; PRIOR APPLICATION NUMBER: EP 00870057.7
; PRIOR FILING DATE: 2000-03-24
; NUMBER OF SEQ ID NOS: 150
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 145
; LENGTH: 34
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: P53 transcriptional factor consensus sequence
; NAME/KEY: misc feature
; LOCATION: (1)...(34)
; OTHER INFORMATION: n = A,T,C or G
US-09-816-763-145

Query Match      100.0%; Score 10; DB 33; Length 34;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 RRCWGWYYY 10
Db 24 RRCWGWYYY 33

RESULT 96
US-09-816-763-145/c
; Sequence 145, Application US/09816763
; GENERAL INFORMATION:
; APPLICANT: Remacle, Jose
; APPLICANT: Renard, Patricia
; APPLICANT: Art, Muriel

```

; TITLE OF INVENTION: METHOD AND KIT FOR THE SCREENING, THE
; TITLE OF INVENTION: DETECTION AND/OR THE QUANTIFICATION OF TRANSCRIPTIONAL
; TITLE OF INVENTION: FACTORS
; FILE REFERENCE: VANM212.001AUS
; CURRENT APPLICATION NUMBER: US/09/816,763
; PRIOR FILING DATE: 2001-03-23
; PRIOR APPLICATION NUMBER: EP 00870057.7
; PRIOR FILING DATE: 2000-03-24
; NUMBER OF SEQ ID NOS: 150
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 145
; LENGTH: 34
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: P53 transcriptional factor consensus sequence
; NAME/KEY: misc feature
; LOCATION: (1)-(34)
; OTHER INFORMATION: n = A,T,C or G
US-09-816-763-145

Query Match 100.0%; Score 10; DB 33; Length 34;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 RRRCWGYYY 10
|||||
DB 33 RRRCWGYYY 24

RESULT 97
PCT-US01-30742-17
; Sequence 17, Application PC/TUS0130742
; GENERAL INFORMATION:
; APPLICANT: Keck Graduate Institute
; APPLICANT: Van Ness, Jeffrey
; APPLICANT: Galas, David J.
; APPLICANT: Garrison, Lori K.
; TITLE OF INVENTION: METHODS FOR IDENTIFYING NUCLEOTIDES AT DEFINED
; TITLE OF INVENTION: POSITIONS IN TARGET NUCLEIC ACIDS
; FILE REFERENCE: 480188.405PC
; CURRENT APPLICATION NUMBER: PCT/US01/30742
; CURRENT FILING DATE: 2001-10-01
; PRIOR APPLICATION NUMBER: 60/300,319
; PRIOR FILING DATE: 2001-06-21
; NUMBER OF SEQ ID NOS: 27
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 17
; LENGTH: 6
; TYPE: DNA
; ORGANISM: Unknown Organism
; FEATURE:
; OTHER INFORMATION: Description of Unknown Organism: Recognition
; OTHER INFORMATION: sequence of restriction enzyme Sty I
PCT-US01-30742-17

Query Match 40.0%; Score 4; DB 1; Length 6;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 4; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 4 CWVG 7
|||||
DB 2 CWVG 5

RESULT 98
PCT-US01-30742-17/c
; Sequence 17, Application PC/TUS0130742
; GENERAL INFORMATION:
; APPLICANT: Keck Graduate Institute
; APPLICANT: Van Ness, Jeffrey
; APPLICANT: Galas, David J.
; APPLICANT: Garrison, Lori K.

; TITLE OF INVENTION: METHODS FOR IDENTIFYING NUCLEOTIDES AT DEFINED
; TITLE OF INVENTION: POSITIONS IN TARGET NUCLEIC ACIDS
; FILE REFERENCE: 480188.405PC
; CURRENT APPLICATION NUMBER: PCT/US01/30742
; CURRENT FILING DATE: 2001-10-01
; PRIOR APPLICATION NUMBER: 60/300,319
; PRIOR FILING DATE: 2001-06-21
; NUMBER OF SEQ ID NOS: 27
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 17
; LENGTH: 6
; TYPE: DNA
; ORGANISM: Unknown Organism
; FEATURE:
; OTHER INFORMATION: Description of Unknown Organism: Recognition
; OTHER INFORMATION: sequence of restriction enzyme Sty I
PCT-US01-30742-17

Query Match 40.0%; Score 4; DB 1; Length 6;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 4; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 4 CWVG 7
|||||
DB 5 CWVG 2

RESULT 99
US-09-539-945A-1
; Sequence 1, Application US/09539945A
; GENERAL INFORMATION:
; APPLICANT: Kulesz-Martin, Molly F.
; APPLICANT: Liu, Yuangang
; TITLE OF INVENTION: Method for Quantifying DNA Binding Activity of DNA Binding Protein
; FILE REFERENCE: RPP:161-US
; CURRENT APPLICATION NUMBER: US/09/539,945A
; CURRENT FILING DATE: 2000-03-31
; NUMBER OF SEQ ID NOS: 10
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 1
; LENGTH: 10
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Specific to p53 protein; p53 consensus sequence
US-09-539-945A-1

Query Match 40.0%; Score 4; DB 26; Length 10;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 4; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 RRRC 4
|||||
DB 1 RRRC 4

RESULT 100
US-09-539-945A-1/c
; Sequence 1, Application US/09539945A
; GENERAL INFORMATION:
; APPLICANT: Kulesz-Martin, Molly F.
; APPLICANT: Liu, Yuangang
; TITLE OF INVENTION: Method for Quantifying DNA Binding Activity of DNA Binding Protein
; FILE REFERENCE: RPP:161-US
; CURRENT APPLICATION NUMBER: US/09/539,945A
; CURRENT FILING DATE: 2000-03-31
; NUMBER OF SEQ ID NOS: 10
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 1
; LENGTH: 10
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:

; OTHER INFORMATION: Specific to p53 protein; p53 consensus sequence
US-09-539-945A-1

Query Match 40.0%; Score 4; DB 26; Length 10;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 4; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 RRRC 4
|||
Db 10 RRRC 7

RESULT 101

US-09-786-332B-51
; Sequence 51, Application US/09786332B
; GENERAL INFORMATION:
; APPLICANT: Sumitomo Pharmaceuticals Company, Limited
; TITLE OF INVENTION: Prodrug Ribozyme
; FILE REFERENCE: Q63376
; CURRENT APPLICATION NUMBER: US/09/786,332B
; CURRENT FILING DATE: 2001-03-02
; PRIOR APPLICATION NUMBER: JP 10-249900
; PRIOR FILING DATE: 1998-09-03
; NUMBER OF SEQ ID NOS: 99
; SEQ ID NO 51
; LENGTH: 16
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Histone mRNA Stabilizing Sequence
; NAME/KEY: misc feature
; LOCATION: (10)..(10)
; OTHER INFORMATION: "n" may be any of a, c, g or t
US-09-786-332B-51

Query Match 40.0%; Score 4; DB 32; Length 16;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 4; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 RRRC 4
|||
Db 12 RRRC 15

RESULT 102

US-09-786-332B-51/c
; Sequence 51, Application US/09786332B
; GENERAL INFORMATION:
; APPLICANT: Sumitomo Pharmaceuticals Company, Limited
; TITLE OF INVENTION: Prodrug Ribozyme
; FILE REFERENCE: Q63376
; CURRENT APPLICATION NUMBER: US/09/786,332B
; CURRENT FILING DATE: 2001-03-02
; PRIOR APPLICATION NUMBER: JP 10-249900
; PRIOR FILING DATE: 1998-09-03
; NUMBER OF SEQ ID NOS: 99
; SEQ ID NO 51
; LENGTH: 16
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Histone mRNA Stabilizing Sequence
; NAME/KEY: misc feature
; LOCATION: (10)..(10)
; OTHER INFORMATION: "n" may be any of a, c, g or t
US-09-786-332B-51

Query Match 40.0%; Score 4; DB 32; Length 16;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 4; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 RRRC 4
|||
Db 5 RRRC 2

RESULT 103

US-09-786-332C-51
; Sequence 51, Application US/09786332C
; GENERAL INFORMATION:
; APPLICANT: Sumitomo Pharmaceuticals Company, Limited
; TITLE OF INVENTION: Prodrug Ribozyme
; FILE REFERENCE: Q63376
; CURRENT APPLICATION NUMBER: US/09/786,332C
; CURRENT FILING DATE: 2001-03-02
; PRIOR APPLICATION NUMBER: JP 10-249900
; PRIOR FILING DATE: 1998-09-03
; NUMBER OF SEQ ID NOS: 99
; SEQ ID NO 51
; LENGTH: 16
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Histone mRNA Stabilizing Sequence
; NAME/KEY: misc feature
; LOCATION: (10)..(10)
; OTHER INFORMATION: "n" may be any of a, c, g or t
US-09-786-332C-51

Query Match 40.0%; Score 4; DB 32; Length 16;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 4; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 RRRC 4
|||
Db 12 RRRC 15

RESULT 104

US-09-786-332C-51/c
; Sequence 51, Application US/09786332C
; GENERAL INFORMATION:
; APPLICANT: Sumitomo Pharmaceuticals Company, Limited
; TITLE OF INVENTION: Prodrug Ribozyme
; FILE REFERENCE: Q63376
; CURRENT APPLICATION NUMBER: US/09/786,332C
; CURRENT FILING DATE: 2001-03-02
; PRIOR APPLICATION NUMBER: JP 10-249900
; PRIOR FILING DATE: 1998-09-03
; NUMBER OF SEQ ID NOS: 99
; SEQ ID NO 51
; LENGTH: 16
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Histone mRNA Stabilizing Sequence
; NAME/KEY: misc feature
; LOCATION: (10)..(10)
; OTHER INFORMATION: "n" may be any of a, c, g or t
US-09-786-332C-51

Query Match 40.0%; Score 4; DB 32; Length 16;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 4; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 RRRC 4
|||
Db 5 RRRC 2

RESULT 105

US-10-017-178-5
; Sequence 5, Application US/10017178
; GENERAL INFORMATION:
; APPLICANT: Yamamoto, Hirotsuka
; APPLICANT: Moskal, Joseph R.


```
; TITLE OF INVENTION: High Throughput Assay to Detect Inhibitors of the MAP Kinase Path
; FILE REFERENCE: 99,123-D
; CURRENT APPLICATION NUMBER: US/10/017,178
; CURRENT FILING DATE: 2001-12-14
; PRIOR APPLICATION NUMBER: US 60/255,548
; PRIOR FILING DATE: 2000-12-14
; NUMBER OF SEQ ID NOS: 10
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 5
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: PCR primer
US-10-017-178-5

Query Match          40.0%; Score 4; DB 40; Length 19;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 4; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 6 WGY 9
   ||||
Db 6 WGY 9

RESULT 106
US-10-017-178-5/c
; Sequence 5, Application US/10017178
; GENERAL INFORMATION:
; APPLICANT: Yamamoto, Hirotsuka
; APPLICANT: Moskalev, Joseph R.
; TITLE OF INVENTION: High Throughput Assay to Detect Inhibitors of the MAP Kinase Path
; FILE REFERENCE: 99,123-D
; CURRENT APPLICATION NUMBER: US/10/017,178
; CURRENT FILING DATE: 2001-12-14
; PRIOR APPLICATION NUMBER: US 60/255,548
; PRIOR FILING DATE: 2000-12-14
; NUMBER OF SEQ ID NOS: 10
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 5
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: PCR primer
US-10-017-178-5

Query Match          40.0%; Score 4; DB 40; Length 19;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 4; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2 RRCW 5
   ||||
Db 9 RRCW 6

RESULT 107
US-10-065-212
; Sequence 212, Application US/10636065
; GENERAL INFORMATION:
; APPLICANT: Korneluk, Robert G.
; APPLICANT: LaCasse, Eric
; APPLICANT: Baird, Stephen
; APPLICANT: Holcik, Martin
; APPLICANT: Young, Sean
; TITLE OF INVENTION: Antisense IAP Nucleic Acids and Uses
; FILE REFERENCE: 07891/025005
; CURRENT APPLICATION NUMBER: US/10/636,065
; CURRENT FILING DATE: 2003-08-07
; PRIOR APPLICATION NUMBER: 09/672,717
; PRIOR FILING DATE: 2000-09-28
; NUMBER OF SEQ ID NOS: 231
```

```
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 212
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: modified_base
; LOCATION: 1,17,18
; OTHER INFORMATION: y=um
; NAME/KEY: modified_base
; LOCATION: 19
; OTHER INFORMATION: y=cm
; FEATURE:
; OTHER INFORMATION: based on Homo sapiens
US-10-636-065-212
```

```
Query Match          40.0%; Score 4; DB 54; Length 19;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 4; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 7 GYY 10
   ||||
Db 16 GYY 19
```

```
RESULT 108
US-10-636-065-212/c
; Sequence 212, Application US/10636065
; GENERAL INFORMATION:
; APPLICANT: Korneluk, Robert G.
; APPLICANT: LaCasse, Eric
; APPLICANT: Baird, Stephen
; APPLICANT: Holcik, Martin
; APPLICANT: Young, Sean
; TITLE OF INVENTION: Antisense IAP Nucleic Acids and Uses
; FILE REFERENCE: 07891/025005
; CURRENT APPLICATION NUMBER: US/10/636,065
; CURRENT FILING DATE: 2003-08-07
; PRIOR APPLICATION NUMBER: 09/672,717
; PRIOR FILING DATE: 2000-09-28
; NUMBER OF SEQ ID NOS: 231
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 212
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: modified_base
; LOCATION: 1,17,18
; OTHER INFORMATION: y=um
; NAME/KEY: modified_base
; LOCATION: 19
; OTHER INFORMATION: y=cm
; FEATURE:
; OTHER INFORMATION: based on Homo sapiens
US-10-636-065-212
```

```
Query Match          40.0%; Score 4; DB 54; Length 19;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 4; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 RRC 4
   ||||
Db 19 RRC 16

RESULT 109
US-10-130-533-50
; Sequence 50, Application US/10130533
; GENERAL INFORMATION:
; APPLICANT: Ji, Jiuping
; APPLICANT: Manak, Mark
```

```
; APPLICANT: Wu, Kezuo
; APPLICANT: Chen, Xiuli
; APPLICANT: Yang, Lijuan
; TITLE OF INVENTION: Simultaneous Detection of HBV, HCV, and HIV in Plasma Samples Usi
; FILE REFERENCE: 1589.0280001
; CURRENT APPLICATION NUMBER: US/10/130,533
; PRIOR FILING DATE: 2002-05-17
; PRIOR APPLICATION NUMBER: PCT/ US00/31738
; PRIOR FILING DATE: 2000-11-17
; PRIOR APPLICATION NUMBER: US 60/165,916
; PRIOR FILING DATE: 1999-11-17
; NUMBER OF SEQ ID NOS: 81
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 50
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial
; FEATURE:
; OTHER INFORMATION: Synthetic Oligonucleotide Primer
US-10-130-533-50

Query Match          40.0%; Score 4; DB 42; Length 21;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 4; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2 RRCW 5
Db 11 RRCW 14

RESULT 110
US-10-130-533-50/c
; Sequence 50, Application US/10130533
; GENERAL INFORMATION:
; APPLICANT: Ji, Jiuping
; APPLICANT: Manak, Mark
; APPLICANT: Wu, Kezuo
; APPLICANT: Chen, Xiuli
; APPLICANT: Yang, Lijuan
; TITLE OF INVENTION: Simultaneous Detection of HBV, HCV, and HIV in Plasma Samples Usi
; FILE REFERENCE: 1589.0280001
; CURRENT APPLICATION NUMBER: US/10/130,533
; PRIOR FILING DATE: 2002-05-17
; PRIOR APPLICATION NUMBER: PCT/ US00/31738
; PRIOR FILING DATE: 2000-11-17
; PRIOR APPLICATION NUMBER: US 60/165,916
; PRIOR FILING DATE: 1999-11-17
; NUMBER OF SEQ ID NOS: 81
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 50
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial
; FEATURE:
; OTHER INFORMATION: Synthetic Oligonucleotide Primer
US-10-130-533-50

Query Match          40.0%; Score 4; DB 42; Length 21;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 4; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 6 WGY 9
Db 14 WGY 11

RESULT 111
US-10-407-897-50
; Sequence 50, Application US/10407897
; GENERAL INFORMATION:
; APPLICANT: Ji, Jiuping
; APPLICANT: Manak, Mark
; APPLICANT: Gonzalez, Irene
; TITLE OF INVENTION: Simultaneous Detection of HBV, HCV, and HIV in Plasma Samples
; FILE REFERENCE: 1589.0280002
; CURRENT APPLICATION NUMBER: US/10/407,897
; PRIOR FILING DATE: 2003-04-07
; PRIOR APPLICATION NUMBER: PCT/ US00/31738
; PRIOR FILING DATE: 2000-11-17
; PRIOR APPLICATION NUMBER: US 60/165,916
; PRIOR FILING DATE: 1999-11-17
; NUMBER OF SEQ ID NOS: 81
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 50
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial
; FEATURE:
; OTHER INFORMATION: Synthetic Oligonucleotide Primer
US-10-407-897-50

Query Match          40.0%; Score 4; DB 51; Length 21;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 4; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2 RRCW 5
Db 11 RRCW 14

RESULT 112
US-10-407-897-50/c
; Sequence 50, Application US/10407897
; GENERAL INFORMATION:
; APPLICANT: Ji, Jiuping
; APPLICANT: Manak, Mark
; APPLICANT: Gonzalez, Irene
; TITLE OF INVENTION: Simultaneous Detection of HBV, HCV, and HIV in Plasma Samples
; FILE REFERENCE: 1589.0280002
; CURRENT APPLICATION NUMBER: US/10/407,897
; PRIOR FILING DATE: 2003-04-07
; PRIOR APPLICATION NUMBER: PCT/ US00/31738
; PRIOR FILING DATE: 2000-11-17
; PRIOR APPLICATION NUMBER: US 60/165,916
; PRIOR FILING DATE: 1999-11-17
; NUMBER OF SEQ ID NOS: 81
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 50
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial
; FEATURE:
; OTHER INFORMATION: Synthetic Oligonucleotide Primer
US-10-407-897-50

Query Match          40.0%; Score 4; DB 51; Length 21;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 4; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 6 WGY 9
Db 14 WGY 11

RESULT 113
US-10-225-519-16
; Sequence 16, Application US/10225519
; GENERAL INFORMATION:
; APPLICANT: Ji, Jiuping
```

```
; APPLICANT: Manak, Mark
; APPLICANT: Gonzalez, Irene
; TITLE OF INVENTION: Simultaneous Detection of HBV, HCV, and HIV in Plasma Samples
; FILE REFERENCE: 1589.0280002
; CURRENT APPLICATION NUMBER: US/10/407,897
; PRIOR FILING DATE: 2003-04-07
; PRIOR APPLICATION NUMBER: US/10/407,897
; PRIOR FILING DATE: 2002-11-17
; PRIOR APPLICATION NUMBER: PCT/ US00/31738
; PRIOR FILING DATE: 2000-11-17
; PRIOR APPLICATION NUMBER: US 60/165,916
; PRIOR FILING DATE: 1999-11-17
; NUMBER OF SEQ ID NOS: 81
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 50
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial
; FEATURE:
; OTHER INFORMATION: Synthetic Oligonucleotide Primer
US-10-407-897-50

Query Match          40.0%; Score 4; DB 51; Length 21;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 4; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2 RRCW 5
Db 11 RRCW 14

RESULT 112
US-10-407-897-50/c
; Sequence 50, Application US/10407897
; GENERAL INFORMATION:
; APPLICANT: Ji, Jiuping
; APPLICANT: Manak, Mark
; APPLICANT: Gonzalez, Irene
; TITLE OF INVENTION: Simultaneous Detection of HBV, HCV, and HIV in Plasma Samples
; FILE REFERENCE: 1589.0280002
; CURRENT APPLICATION NUMBER: US/10/407,897
; PRIOR FILING DATE: 2003-04-07
; PRIOR APPLICATION NUMBER: PCT/ US00/31738
; PRIOR FILING DATE: 2000-11-17
; PRIOR APPLICATION NUMBER: US 60/165,916
; PRIOR FILING DATE: 1999-11-17
; NUMBER OF SEQ ID NOS: 81
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 50
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial
; FEATURE:
; OTHER INFORMATION: Synthetic Oligonucleotide Primer
US-10-407-897-50

Query Match          40.0%; Score 4; DB 51; Length 21;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 4; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 6 WGY 9
Db 14 WGY 11

RESULT 113
US-10-225-519-16
; Sequence 16, Application US/10225519
; GENERAL INFORMATION:
; APPLICANT: Ji, Jiuping
```

APPLICANT: Costa, Cristina
APPLICANT: Pizzolato, Maryellen C.
APPLICANT: Fodor, William L.
TITLE OF INVENTION: AN ENGINEERED RECOMBINANT MOLECULE THAT REGULATES HUMORAL AND CELL
FILE REFERENCE: 33-CIP
CURRENT APPLICATION NUMBER: US/10/225,519
CURRENT FILING DATE: 2002-08-20
PRIOR APPLICATION NUMBER: US 09/928,267
PRIOR FILING DATE: 2001-08-10
PRIOR APPLICATION NUMBER: PCT/US00/29151
PRIOR FILING DATE: 2000-10-21
PRIOR APPLICATION NUMBER: US 60/161,186
PRIOR FILING DATE: 1999-10-22
NUMBER OF SEQ ID NOS: 27
SEQ ID NO 16
LENGTH: 25
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: 5' forward primer.
US-10-225-519-16

Query Match 40.0%; Score 4; DB 43; Length 25;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 4; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 7 GYYY 10
DB 19 GYYY 22

RESULT 114

US-10-225-519-16/c
Sequence 16, Application US/10225519
GENERAL INFORMATION:
APPLICANT: Costa, Cristina
APPLICANT: Pizzolato, Maryellen C.
APPLICANT: Fodor, William L.
TITLE OF INVENTION: AN ENGINEERED RECOMBINANT MOLECULE THAT REGULATES HUMORAL AND CELL
FILE REFERENCE: 33-CIP
CURRENT APPLICATION NUMBER: US/10/225,519
CURRENT FILING DATE: 2002-08-20
PRIOR APPLICATION NUMBER: US 09/928,267
PRIOR FILING DATE: 2001-08-10
PRIOR APPLICATION NUMBER: PCT/US00/29151
PRIOR FILING DATE: 2000-10-21
PRIOR APPLICATION NUMBER: US 60/161,186
PRIOR FILING DATE: 1999-10-22
NUMBER OF SEQ ID NOS: 27
SOFTWARE: PatentIn version 3.1
SEQ ID NO 16
LENGTH: 25
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: 5' forward primer.
US-10-225-519-16

Query Match 40.0%; Score 4; DB 43; Length 25;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 4; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 RRRC 4
DB 22 RRRC 19

RESULT 115

US-07-633-095-8
Sequence 8, Application US/07633095

GENERAL INFORMATION:
APPLICANT: McClelland, Michael
APPLICANT: Welsh, John T
APPLICANT: Sorge, Joseph A
TITLE OF INVENTION: ARBITRARILY PRIMED POLYMERASE CHAIN
REACTION METHOD FOR FINGERPRINTING GENOMES
NUMBER OF SEQUENCES: 11
CORRESPONDENCE ADDRESS:
ADDRESSEE: Bingham & Fitting
STREET: 12526 High Bluff Drive, Suite 300
CITY: San Diego
STATE: California
COUNTRY: USA
ZIP: 92130
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/07/633,095
FILING DATE: 19901221
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Fitting, Thomas
REGISTRATION NUMBER: 34,163
REFERENCE/DOCKET NUMBER: STG0057P
TELECOMMUNICATION INFORMATION:
TELEPHONE: 619-792-3680
INFORMATION FOR SEQ ID NO: 8:
SEQUENCE CHARACTERISTICS:
LENGTH: 27 base pairs
TYPE: NUCLEIC ACID
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
HYPOTHETICAL: NO
ANTI-SENSE: NO
US-07-633-095-8

Query Match 40.0%; Score 4; DB 6; Length 27;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 4; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 RRRC 4
DB 15 RRRC 18

RESULT 116

US-07-633-095-8/c
Sequence 8, Application US/07633095
GENERAL INFORMATION:
APPLICANT: McClelland, Michael
APPLICANT: Welsh, John T
APPLICANT: Sorge, Joseph A
TITLE OF INVENTION: ARBITRARILY PRIMED POLYMERASE CHAIN
REACTION METHOD FOR FINGERPRINTING GENOMES
NUMBER OF SEQUENCES: 11
CORRESPONDENCE ADDRESS:
ADDRESSEE: Bingham & Fitting
STREET: 12526 High Bluff Drive, Suite 300
CITY: San Diego
STATE: California
COUNTRY: USA
ZIP: 92130
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/07/633,095

```
; FILING DATE: 19901221
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Fitting, Thomas
; REGISTRATION NUMBER: 34,163
; REFERENCE/DOCKET NUMBER: STG0057P
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 619-792-3680
; INFORMATION FOR SEQ ID NO: 8:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 27 base pairs
; TYPE: NUCLEIC ACID
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
US-07-633-095-8

Query Match 40.0%; Score 4; DB 6; Length 27;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 4; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 7 GYYY 10
Db 18 GYYY 15

RESULT 117
US-07-633-095-9
; Sequence 9, Application US/07633095
; GENERAL INFORMATION:
; APPLICANT: McClelland, Michael
; APPLICANT: Welsh, John T
; TITLE OF INVENTION: ARBITRARILY PRIMED POLYMERASE CHAIN
; NUMBER OF SEQUENCES: 11
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Bingham & Fitting
; STREET: 12526 High Bluff Drive, Suite 300
; CITY: San Diego
; STATE: California
; COUNTRY: USA
; ZIP: 92130
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; FILING DATE: 19901221
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Fitting, Thomas
; REGISTRATION NUMBER: 34,163
; REFERENCE/DOCKET NUMBER: STG0057P
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 619-792-3680
; INFORMATION FOR SEQ ID NO: 9:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 27 base pairs
; TYPE: NUCLEIC ACID
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
US-07-633-095-9

Query Match 40.0%; Score 4; DB 6; Length 27;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 4; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 7 GYYY 10
Db 18 GYYY 15

RESULT 118
US-07-633-095-9/c
; Sequence 9, Application US/07633095
; GENERAL INFORMATION:
; APPLICANT: McClelland, Michael
; APPLICANT: Welsh, John T
; APPLICANT: Sorge, Joseph A
; TITLE OF INVENTION: ARBITRARILY PRIMED POLYMERASE CHAIN
; NUMBER OF SEQUENCES: 11
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Bingham & Fitting
; STREET: 12526 High Bluff Drive, Suite 300
; CITY: San Diego
; STATE: California
; COUNTRY: USA
; ZIP: 92130
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; FILING DATE: 19901221
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Fitting, Thomas
; REGISTRATION NUMBER: 34,163
; REFERENCE/DOCKET NUMBER: STG0057P
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 619-792-3680
; INFORMATION FOR SEQ ID NO: 9:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 27 base pairs
; TYPE: NUCLEIC ACID
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
US-07-633-095-9

Query Match 40.0%; Score 4; DB 6; Length 27;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 4; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 7 GYYY 10
Db 18 GYYY 15

RESULT 119
US-07-633-095-3
; Sequence 3, Application US/09780651
; GENERAL INFORMATION:
; APPLICANT: Robinson, Daniel
; APPLICANT: Kung, Hsing-Jien
; TITLE OF INVENTION: Analysis of Gene Family Expression
; FILE REFERENCE: CASE-06110
; CURRENT APPLICATION NUMBER: US/09/780,651
; CURRENT FILING DATE: 2001-02-09
; PRIOR APPLICATION NUMBER: 09/073,407
; PRIOR FILING DATE: 1998-05-06
; NUMBER OF SEQ ID NOS: 13
; SOFTWARE: PatentIn version 3.0
```

```
; SEQ ID NO 3
; LENGTH: 27
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic
US-09-780-651-3

Query Match      40.0%; Score 4; DB 32; Length 27;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 4; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      5 WNGY 8
Db      16 WNGY 19

RESULT 120
US-09-780-651-3/c
; Sequence 3, Application US/09780651
; GENERAL INFORMATION:
; APPLICANT: Robinson, Daniel
; TITLE OF INVENTION: Analysis of Gene Family Expression
; FILE REFERENCE: CASE-06110
; CURRENT APPLICATION NUMBER: US/09/780,651
; CURRENT FILING DATE: 2001-02-09
; PRIOR APPLICATION NUMBER: 09/073,407
; PRIOR FILING DATE: 1998-05-06
; NUMBER OF SEQ ID NOS: 13
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 3
; LENGTH: 27
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic
US-09-780-651-3

Query Match      40.0%; Score 4; DB 32; Length 27;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 4; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      3 RCWW 6
Db      19 RCWW 16

RESULT 121
US-10-658-093-51
; Sequence 51, Application US/10658093
; GENERAL INFORMATION:
; APPLICANT: Daly, John Michael
; TITLE OF INVENTION: Constructs for Gene Expression Analysis
; FILE REFERENCE: 12177722
; CURRENT APPLICATION NUMBER: US/10/658,093
; CURRENT FILING DATE: 2003-09-09
; PRIOR APPLICATION NUMBER: USSN 60/274770
; PRIOR FILING DATE: 2001-03-09
; PRIOR APPLICATION NUMBER: PCT/AU02/00351
; PRIOR FILING DATE: 2001-03-08
; NUMBER OF SEQ ID NOS: 57
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 51
; LENGTH: 30
; TYPE: RNA
; ORGANISM: mammalian
; NAME/KEY: misc feature
; LOCATION: (4)-(4)
; OTHER INFORMATION: n = from 20-40 nucleotides, wherein individual nucleotides are
; FEATURE:
US-10-658-093-51

Query Match      40.0%; Score 4; DB 54; Length 30;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 4; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1 RRRC 4
Db      14 RRRC 11

RESULT 122
US-10-658-093-51/c
; Sequence 51, Application US/10658093
; GENERAL INFORMATION:
; APPLICANT: Daly, John Michael
; TITLE OF INVENTION: Constructs for Gene Expression Analysis
; FILE REFERENCE: 12177722
; CURRENT APPLICATION NUMBER: US/10/658,093
; CURRENT FILING DATE: 2003-09-09
; PRIOR APPLICATION NUMBER: USSN 60/274770
; PRIOR FILING DATE: 2001-03-09
; PRIOR APPLICATION NUMBER: PCT/AU02/00351
; PRIOR FILING DATE: 2001-03-08
; NUMBER OF SEQ ID NOS: 57
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 51
; LENGTH: 30
; TYPE: RNA
; ORGANISM: mammalian
; NAME/KEY: misc feature
; LOCATION: (4)-(4)
; OTHER INFORMATION: n = from 20-40 nucleotides, wherein individual nucleotides are
; FEATURE:
US-10-658-093-51

Query Match      40.0%; Score 4; DB 54; Length 30;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 4; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1 RRRC 4
Db      14 RRRC 11

RESULT 123
US-10-658-093-52
; Sequence 52, Application US/10658093
; GENERAL INFORMATION:
; APPLICANT: Daly, John Michael
; TITLE OF INVENTION: Constructs for Gene Expression Analysis
; FILE REFERENCE: 12177722
; CURRENT APPLICATION NUMBER: US/10/658,093
; CURRENT FILING DATE: 2003-09-09
; PRIOR APPLICATION NUMBER: USSN 60/274770
; PRIOR FILING DATE: 2001-03-09
; PRIOR APPLICATION NUMBER: PCT/AU02/00351
; PRIOR FILING DATE: 2001-03-08
; NUMBER OF SEQ ID NOS: 57
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 52
; LENGTH: 30
; TYPE: DNA
; ORGANISM: mammalian
; NAME/KEY: misc feature
; LOCATION: (4)-(4)
; OTHER INFORMATION: n = from 20-40 nucleotides, wherein individual nucleotides are
; FEATURE:
```

```
; NAME/KEY: misc feature
; LOCATION: (4)..(4)
; OTHER INFORMATION: n = from 20-40 nucleotides, wherein individual nucleotides are
; OTHER INFORMATION: selected from any nucleotide
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (19)..(19)
; OTHER INFORMATION: n is a, c, g, or t
US-10-658-093-52

Query Match      40.0%; Score 4; DB 54; Length 30;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 4; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      1 RRRR 4
Db      21 RRRR 24

RESULT 124
US-10-658-093-52/c
; Sequence 52, Application US/10658093
; GENERAL INFORMATION:
; APPLICANT: Daly, John Michael
; TITLE OF INVENTION: Construct for Gene Expression Analysis
; FILE REFERENCE: 1217722
; CURRENT APPLICATION NUMBER: US/10/658,093
; PRIOR FILING DATE: 2003-09-09
; PRIOR APPLICATION NUMBER: USSN 60/274770
; PRIOR FILING DATE: 2001-03-09
; PRIOR APPLICATION NUMBER: PCT/AU02/00351
; PRIOR FILING DATE: 2001-03-08
; NUMBER OF SEQ ID NOS: 57
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 52
; LENGTH: 30
; TYPE: DNA
; ORGANISM: mammalian
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (4)..(4)
; OTHER INFORMATION: n = from 20-40 nucleotides, wherein individual nucleotides are
; OTHER INFORMATION: selected from any nucleotide
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (19)..(19)
; OTHER INFORMATION: n is a, c, g, or t
US-10-658-093-52

Query Match      40.0%; Score 4; DB 54; Length 30;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 4; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      1 RRRR 4
Db      14 RRRR 11

RESULT 125
US-09-179-536B-320
; Sequence 320, Application US/09179536B
; GENERAL INFORMATION:
; APPLICANT: Hubert K ster
;             David M. Lough
;             Guobing Xiang
; TITLE OF INVENTION: DNA DIAGNOSTICS BASED ON MASS SPECTROMETRY
; NUMBER OF SEQUENCES: 320
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Heller Ehrman White & McAuliffe
; STREET: 4250 Executive Square, 7th Floor
; CITY: La Jolla
; STATE: CA
; COUNTRY: USA

; NAME/KEY: misc feature
; LOCATION: (4)..(4)
; OTHER INFORMATION: n = from 20-40 nucleotides, wherein individual nucleotides are
; OTHER INFORMATION: selected from any nucleotide
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (19)..(19)
; OTHER INFORMATION: n is a, c, g, or t
US-10-658-093-52

Query Match      40.0%; Score 4; DB 54; Length 30;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 4; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      1 RRRR 4
Db      14 RRRR 11

RESULT 126
US-09-179-536B-320/c
; Sequence 320, Application US/09179536B
; GENERAL INFORMATION:
; APPLICANT: Hubert K ster
;             David M. Lough
;             Guobing Xiang
; TITLE OF INVENTION: DNA DIAGNOSTICS BASED ON MASS SPECTROMETRY
; NUMBER OF SEQUENCES: 320
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Heller Ehrman White & McAuliffe
; STREET: 4250 Executive Square, 7th Floor
; CITY: La Jolla
; STATE: CA
; COUNTRY: USA
```

```
; ZIP: 92037
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS
; SOFTWARE: ASCII
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/179,536B
; FILING DATE: 26-Oct-1998
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: PCT/US97/20444
; FILING DATE: 06-Nov-1997
; APPLICATION NUMBER: 08/947,801
; FILING DATE: 08-Oct-97
; APPLICATION NUMBER: 08/933,792
; FILING DATE: 19-Sep-97
; APPLICATION NUMBER: 08/787,639
; FILING DATE: 23-Jan-97
; APPLICATION NUMBER: 08/786,988
; FILING DATE: 23-Jan-97
; APPLICATION NUMBER: 08/746,055
; FILING DATE: 06-Nov-96
; APPLICATION NUMBER: 08/746,036
; FILING DATE: 06-Nov-96
; APPLICATION NUMBER: 08/744,590
; FILING DATE: 06-Nov-96
; APPLICATION NUMBER: 08/744,481
; FILING DATE: 06-Nov-96
; ATTORNEY/AGENT INFORMATION:
; NAME: Seidman, Stephanie L
; REGISTRATION NUMBER: 33,779
; REFERENCE/DOCKET NUMBER: 24736-2004B
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 858-450-8400
; TELEFAX: 858-587-5360
; TELEX: <Unknown>
; INFORMATION FOR SEQ ID NO: 320:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 38 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: unknown
; MOLECULE TYPE: cDNA
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
; FRAGMENT TYPE: <Unknown>
; ORIGINAL SOURCE:
; SEQUENCE DESCRIPTION: SEQ ID NO: 320:
US-09-179-536B-320

Query Match      40.0%; Score 4; DB 21; Length 38;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 4; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      4 CWGG 7
Db      33 CWGG 36

RESULT 126
US-09-179-536B-320/c
; Sequence 320, Application US/09179536B
; GENERAL INFORMATION:
; APPLICANT: Hubert K ster
;             David M. Lough
;             Guobing Xiang
; TITLE OF INVENTION: DNA DIAGNOSTICS BASED ON MASS SPECTROMETRY
; NUMBER OF SEQUENCES: 320
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Heller Ehrman White & McAuliffe
; STREET: 4250 Executive Square, 7th Floor
; CITY: La Jolla
```

STATE: CA
COUNTRY: USA
ZIP: 92037
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: ASCII
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/179,536B
FILING DATE: 26-Oct-1998
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: PCT/US97/20444
FILING DATE: 06-Nov-1997
APPLICATION NUMBER: 08/947,801
FILING DATE: 08-Oct-97
APPLICATION NUMBER: 08/933,792
FILING DATE: 19-Sep-97
APPLICATION NUMBER: 08/787,639
FILING DATE: 23-Jan-97
APPLICATION NUMBER: 08/786,988
FILING DATE: 23-Jan-97
APPLICATION NUMBER: 08/746,055
FILING DATE: 06-Nov-96
APPLICATION NUMBER: 08/746,036
FILING DATE: 06-Nov-96
APPLICATION NUMBER: 08/744,590
FILING DATE: 06-Nov-96
APPLICATION NUMBER: 08/744,481
FILING DATE: 06-Nov-96
ATTORNEY/AGENT INFORMATION:
NAME: Seidman, Stephanie L
REGISTRATION NUMBER: 33,779
REFERENCE/DOCKET NUMBER: 24736-2004B
TELECOMMUNICATION INFORMATION:
TELEPHONE: 858-450-8400
TELEFAX: 858-587-5360
TELEX: <Unknown>
INFORMATION FOR SEQ ID NO: 320:
SEQUENCE CHARACTERISTICS:
LENGTH: 38 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: unknown
MOLECULE TYPE: cDNA
HYPOTHETICAL: NO
ANTI-SENSE: NO
FRAGMENT TYPE: <Unknown>
ORIGINAL SOURCE:
SEQUENCE DESCRIPTION: SEQ ID NO: 320:
US-09-179-536B-320

Query Match 40.0%; Score 4; DB 21; Length 38;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 4; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 4 CWWG 7
Db 36 CWWG 33

RESULT 127
US-09-297-576A-320
GENERAL INFORMATION:
APPLICANT: KOSTER, Hubert
APPLICANT: LITTLE, Daniel P.
APPLICANT: BRAUN, Andreas
APPLICANT: LOUGH, David M.
APPLICANT: XIANG, Guobing
APPLICANT: VAN DEN BOOM, Dirk
APPLICANT: JURINKE, Christian

APPLICANT: RUPPERT, Andreas
TITLE OF INVENTION: DNA DIAGNOSTICS BASED ON MASS SPECTROMETRY
NUMBER OF SEQUENCES: 320
CORRESPONDENCE ADDRESS:
ADDRESSEE: Heller Ehrman White & McAuliffe
STREET: 4250 Executive Square, 7th Floor
CITY: La Jolla
STATE: CA
COUNTRY: USA
ZIP: 92037
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: ASCII
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/297,576A
FILING DATE: 07-Jun-2000
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/947,801
FILING DATE: 08-Oct-97
APPLICATION NUMBER: 08/933,792
FILING DATE: 19-Sep-97
APPLICATION NUMBER: 08/787,639
FILING DATE: 23-Jan-97
APPLICATION NUMBER: 08/786,988
FILING DATE: 23-Jan-97
APPLICATION NUMBER: 08/746,055
FILING DATE: 06-Nov-96
APPLICATION NUMBER: 08/746,036
FILING DATE: 06-Nov-96
APPLICATION NUMBER: 08/744,590
FILING DATE: 06-Nov-96
APPLICATION NUMBER: 08/744,481
FILING DATE: 06-Nov-96
ATTORNEY/AGENT INFORMATION:
NAME: Seidman, Stephanie L
REGISTRATION NUMBER: 33,779
REFERENCE/DOCKET NUMBER: 24736-2004
TELECOMMUNICATION INFORMATION:
TELEPHONE: 858-450-8400
TELEFAX: 858-450-8499
INFORMATION FOR SEQ ID NO: 320:
SEQUENCE CHARACTERISTICS:
LENGTH: 38 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: unknown
MOLECULE TYPE: cDNA
HYPOTHETICAL: NO
ANTI-SENSE: NO
FRAGMENT TYPE: <Unknown>
ORIGINAL SOURCE:
US-09-297-576A-320

Query Match 40.0%; Score 4; DB 22; Length 38;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 4; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 4 CWWG 7
Db 33 CWWG 36

RESULT 128
US-09-297-576A-320/c
GENERAL INFORMATION:
APPLICANT: KOSTER, Hubert
APPLICANT: LITTLE, Daniel P.
APPLICANT: BRAUN, Andreas
APPLICANT: LOUGH, David M.

APPLICANT: XIANG, Guobing
APPLICANT: VAN DEN BOOM, Dirk
APPLICANT: JURINKE, Christian
APPLICANT: RUPPERT, Andreas
TITLE OF INVENTION: DNA DIAGNOSTICS BASED ON MASS SPECTROMETRY
NUMBER OF SEQUENCES: 320
CORRESPONDENCE ADDRESS:
ADDRESSEE: Heller Ehrman White & McAuliffe
STREET: 4250 Executive Square, 7th Floor
CITY: La Jolla
STATE: CA
COUNTRY: USA
ZIP: 92037
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: ASCII
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/297,576A
FILING DATE: 07-Jun-2000
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/947,801
FILING DATE: 08-Oct-97
APPLICATION NUMBER: 08/933,792
FILING DATE: 19-Sep-97
APPLICATION NUMBER: 08/787,639
FILING DATE: 23-Jan-97
APPLICATION NUMBER: 08/786,988
FILING DATE: 23-Jan-97
APPLICATION NUMBER: 08/746,055
FILING DATE: 06-Nov-96
APPLICATION NUMBER: 08/746,036
FILING DATE: 06-Nov-96
APPLICATION NUMBER: 08/744,590
FILING DATE: 06-Nov-96
APPLICATION NUMBER: 08/744,481
FILING DATE: 06-Nov-96
ATTORNEY/AGENT INFORMATION:
NAME: Seidman, Stephanie L
REGISTRATION NUMBER: 33,779
REFERENCE/DOCKET NUMBER: 24736-2004
TELECOMMUNICATION INFORMATION:
TELEPHONE: 858-450-8400
TELEFAX: 858-450-8499
INFORMATION FOR SEQ ID NO: 320:
SEQUENCE CHARACTERISTICS:
LENGTH: 38 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: unknown
MOLECULE TYPE: cDNA
HYPOTHETICAL: NO
ANTI-SENSE: NO
FRAGMENT TYPE: <Unknown>
ORIGINAL SOURCE:
US-09-297-576A-320

Query Match 40.0%; Score 4; DB 22; Length 38;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 4; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 4 CWG 7
Db 36 CWG 33

RESULT 129

US-09-686-148-320
Sequence 320, Application US/09686148
GENERAL INFORMATION:
APPLICANT: KOSTER, Hubert

LITTLE, Daniel P.
BRAUN, Andreas
LOUGH, David M.
XIANG, Guobing
VAN DEN BOOM, Dirk
JURINKE, Christian
RUPPERT, Andreas
TITLE OF INVENTION: DNA DIAGNOSTICS BASED ON MASS SPECTROMETRY
NUMBER OF SEQUENCES: 320
CORRESPONDENCE ADDRESS:
ADDRESSEE: Heller Ehrman White & McAuliffe
STREET: 4250 Executive Square, 7th Floor
CITY: La Jolla
STATE: CA
COUNTRY: USA
ZIP: 92037
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: ASCII
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/686,148
FILING DATE: 10-Oct-2000
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 09/297,576
FILING DATE: 28-Jun-99
APPLICATION NUMBER: 08/947,801
FILING DATE: 08-Oct-97
APPLICATION NUMBER: 08/933,792
FILING DATE: 19-Sep-97
APPLICATION NUMBER: 08/787,639
FILING DATE: 23-Jan-97
APPLICATION NUMBER: 08/786,988
FILING DATE: 23-Jan-97
APPLICATION NUMBER: 08/746,055
FILING DATE: 06-Nov-96
APPLICATION NUMBER: 08/746,036
FILING DATE: 06-Nov-96
APPLICATION NUMBER: 08/744,590
FILING DATE: 06-Nov-96
APPLICATION NUMBER: 08/744,481
FILING DATE: 06-Nov-96
ATTORNEY/AGENT INFORMATION:
NAME: Seidman, Stephanie L
REGISTRATION NUMBER: 33,779
REFERENCE/DOCKET NUMBER: 24736-2004
TELECOMMUNICATION INFORMATION:
TELEPHONE: 858-450-8400
TELEFAX: 858-450-8499
INFORMATION FOR SEQ ID NO: 320:
SEQUENCE CHARACTERISTICS:
LENGTH: 38 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: unknown
MOLECULE TYPE: cDNA
HYPOTHETICAL: NO
ANTI-SENSE: NO
FRAGMENT TYPE: <Unknown>
ORIGINAL SOURCE:
SEQUENCE DESCRIPTION: SEQ ID NO: 320:
US-09-686-148-320

Query Match 40.0%; Score 4; DB 29; Length 38;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 4; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 4 CWG 7
Db 33 CWG 36

Matches 4; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

RESULT 130

US-09-686-148-320/c
; Sequence 320, Application US/09686148

; GENERAL INFORMATION:

APPLICANT: KOSTER, Hubert

LITTLE, Daniel P.

BRAUN, Andreas

LOUGH, David M.

XIANG, Guobing

VAN DEN BOOM, Dirk

JURINKE, Christian

RUPPERT, Andreas

TITLE OF INVENTION: DNA DIAGNOSTICS BASED ON MASS SPECTROMETRY

NUMBER OF SEQUENCES: 320

CORRESPONDENCE ADDRESS:

ADDRESSEE: Heller Ehrman White & McAuliffe

STREET: 4250 Executive Square, 7th Floor

CITY: La Jolla

STATE: CA

COUNTRY: USA

ZIP: 92037

COMPUTER READABLE FORM:

MEDIUM TYPE: Diskette

COMPUTER: IBM Compatible

OPERATING SYSTEM: DOS

SOFTWARE: ASCII

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/09/686,148

FILING DATE: 10-Oct-2000

CLASSIFICATION: <Unknown>

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 09/297,576

FILING DATE: 28-Jun-99

APPLICATION NUMBER: 08/947,801

FILING DATE: 08-Oct-97

APPLICATION NUMBER: 08/933,792

FILING DATE: 19-Sep-97

APPLICATION NUMBER: 08/787,639

FILING DATE: 23-Jan-97

APPLICATION NUMBER: 08/786,988

FILING DATE: 23-Jan-97

APPLICATION NUMBER: 08/746,055

FILING DATE: 06-Nov-96

APPLICATION NUMBER: 08/746,036

FILING DATE: 06-Nov-96

APPLICATION NUMBER: 08/744,590

FILING DATE: 06-Nov-96

FILING DATE: 06-Nov-96

ATTORNEY/AGENT INFORMATION:

NAME: Seidman, Stephanie L

REGISTRATION NUMBER: 33,779

REFERENCE/DOCKET NUMBER: 24736-2004

TELECOMMUNICATION INFORMATION:

TELEPHONE: 858-450-8400

TELEFAX: 858-450-8499

INFORMATION FOR SEQ ID NO: 320:

SEQUENCE CHARACTERISTICS:

LENGTH: 38 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: unknown

MOLECULE TYPE: cDNA

HYPOTHETICAL: NO

ANTI-SENSE: NO

FRAGMENT TYPE: <Unknown>

ORIGINAL SOURCE:

SEQUENCE DESCRIPTION: SEQ ID NO: 320:

US-09-686-148-320

Query Match

Best Local Similarity 40.0%; Score 4; DB 29; Length 38;

100.0%; Pred. No. 0;

QY 4 CWWG 7

Db 36 CWWG 33

RESULT 131

US-09-783-881-320

; Sequence 320, Application US/09783881

; GENERAL INFORMATION:

APPLICANT: David M. Lough

Guobing Xiang

TITLE OF INVENTION: DNA DIAGNOSTICS BASED ON MASS SPECTROMETRY

NUMBER OF SEQUENCES: 320

CORRESPONDENCE ADDRESS:

ADDRESSEE: Heller Ehrman White & McAuliffe

STREET: 4250 Executive Square, 7th Floor

CITY: La Jolla

STATE: CA

COUNTRY: USA

ZIP: 92037

COMPUTER READABLE FORM:

MEDIUM TYPE: Diskette

COMPUTER: IBM Compatible

OPERATING SYSTEM: DOS

SOFTWARE: ASCII

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/09/783,881

FILING DATE: 13-Feb-2001

CLASSIFICATION: <Unknown>

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 09/179,536

FILING DATE: 27-Oct-1998

APPLICATION NUMBER: PCT/US97/20444

FILING DATE: 06-Nov-1997

APPLICATION NUMBER: 08/947,801

FILING DATE: 08-Oct-97

APPLICATION NUMBER: 08/933,792

FILING DATE: 19-Sep-97

APPLICATION NUMBER: 08/787,639

FILING DATE: 23-Jan-97

APPLICATION NUMBER: 08/786,988

FILING DATE: 23-Jan-97

APPLICATION NUMBER: 08/746,055

FILING DATE: 06-Nov-96

APPLICATION NUMBER: 08/746,036

FILING DATE: 06-Nov-96

APPLICATION NUMBER: 08/744,590

FILING DATE: 06-Nov-96

FILING DATE: 06-Nov-96

ATTORNEY/AGENT INFORMATION:

NAME: Seidman, Stephanie L

REGISTRATION NUMBER: 33,779

REFERENCE/DOCKET NUMBER: 24736-2004B

TELECOMMUNICATION INFORMATION:

TELEPHONE: 858-450-8400

TELEFAX: 858-587-5360

TELEX: <Unknown>

INFORMATION FOR SEQ ID NO: 320:

SEQUENCE CHARACTERISTICS:

LENGTH: 38 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: unknown

MOLECULE TYPE: cDNA

HYPOTHETICAL: NO

ANTI-SENSE: NO

FRAGMENT TYPE: <Unknown>

ORIGINAL SOURCE:

SEQUENCE DESCRIPTION: SEQ ID NO: 320:

US-09-783-881-320

```
; ORIGINAL SOURCE:
; SEQUENCE DESCRIPTION: SEQ ID NO: 320:
US-09-783-881-320
Query Match      40.0%; Score 4; DB 32; Length 38;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 4; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      4 CWWG 7
      |||||
Db      33 CWWG 36

RESULT 132
US-09-783-881-320/c
; Sequence 320, Application US/09783881
; GENERAL INFORMATION:
; APPLICANT: David M. Lough
; TITLE OF INVENTION: DNA DIAGNOSTICS BASED ON MASS SPECTROMETRY
; NUMBER OF SEQUENCES: 320
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Heller Ehrman White & McAuliffe
; STREET: 4250 Executive Square, 7th Floor
; CITY: La Jolla
; STATE: CA
; COUNTRY: USA
; ZIP: 92037
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS
; SOFTWARE: ASCII
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/783,881
; FILING DATE: 13-Feb-2001
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/179,536
; FILING DATE: 27-OCT-1998
; APPLICATION NUMBER: PCT/US97/20444
; FILING DATE: 06-NOV-1997
; APPLICATION NUMBER: 08/947,801
; FILING DATE: 08-Oct-97
; APPLICATION NUMBER: 08/933,792
; FILING DATE: 19-Sep-97
; APPLICATION NUMBER: 08/787,639
; FILING DATE: 23-Jan-97
; APPLICATION NUMBER: 08/786,988
; FILING DATE: 23-Jan-97
; APPLICATION NUMBER: 08/746,055
; FILING DATE: 06-Nov-96
; APPLICATION NUMBER: 08/746,036
; FILING DATE: 06-Nov-96
; APPLICATION NUMBER: 08/744,590
; FILING DATE: 06-Nov-96
; APPLICATION NUMBER: 08/744,481
; FILING DATE: 06-Nov-96
; ATTORNEY/AGENT INFORMATION:
; NAME: Seidman, Stephanie L
; REGISTRATION NUMBER: 33,779
; REFERENCE/DOCKET NUMBER: 24736-2004B
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 858-450-8400
; TELEFAX: 858-587-5360
; TELEX: <Unknown>
; INFORMATION FOR SEQ ID NO: 320:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 38 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: unknown
; MOLECULE TYPE: cDNA
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
; FRAGMENT TYPE: <Unknown>

; ORIGINAL SOURCE:
; SEQUENCE DESCRIPTION: SEQ ID NO: 320:
US-09-783-881-320
Query Match      40.0%; Score 4; DB 32; Length 38;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 4; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      4 CWWG 7
      |||||
Db      36 CWWG 33

RESULT 133
US-09-686-148B-320
; Sequence 320, Application US/09686148B
; GENERAL INFORMATION:
; APPLICANT: KOSTER, Hubert
; LITTLE, Daniel P.
; BRAUN, Andreas
; LOUGH, David M.
; XIANG, Guobing
; VAN DEN BOOM, Dirk
; JURINKE, Christian
; RUPPERT, Andreas
; TITLE OF INVENTION: DNA DIAGNOSTICS BASED ON MASS SPECTROMETRY
; NUMBER OF SEQUENCES: 320
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Fish & Richardson P. C.
; STREET: 12930 El Camino Real
; CITY: San Diego
; STATE: CA
; COUNTRY: USA
; ZIP: 92130
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS
; SOFTWARE: ASCII
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/686,148B
; FILING DATE: 10-Oct-2000
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/297,576
; FILING DATE: 28-Jun-99
; APPLICATION NUMBER: 08/947,801
; FILING DATE: 08-Oct-97
; APPLICATION NUMBER: 08/933,792
; FILING DATE: 19-Sep-97
; APPLICATION NUMBER: 08/787,639
; FILING DATE: 23-Jan-97
; APPLICATION NUMBER: 08/786,988
; FILING DATE: 23-Jan-97
; APPLICATION NUMBER: 08/746,055
; FILING DATE: 06-Nov-96
; APPLICATION NUMBER: 08/746,036
; FILING DATE: 06-Nov-96
; APPLICATION NUMBER: 08/744,590
; FILING DATE: 06-Nov-96
; APPLICATION NUMBER: 08/744,481
; FILING DATE: 06-Nov-96
; ATTORNEY/AGENT INFORMATION:
; NAME: Seidman, Stephanie L
; REGISTRATION NUMBER: 33,779
; REFERENCE/DOCKET NUMBER: 24736-2004
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 858-450-8400
; TELEFAX: 858-450-8499
; INFORMATION FOR SEQ ID NO: 320:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 42 base pairs
; TYPE: nucleic acid
```

STRANDEDNESS: single
TOPOLOGY: unknown
MOLECULE TYPE: cDNA
HYPOTHETICAL: NO
ANTI-SENSE: NO
FRAGMENT TYPE: <Unknown>
ORIGINAL SOURCE:
SEQUENCE DESCRIPTION: SEQ ID NO: 320;
US-09-686-148B-320

Query Match 40.0%; Score 4; DB 29; Length 42;
Best Local Similarity 100.0%; Pred.No. 0;
Matches 4; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Oy 4 CWG 7
Db 33 CWG 36

RESULT 134

US-09-686-148B-320/c
; Sequence 320, Application US/09686148B

GENERAL INFORMATION:

APPLICANT: KOSTER, Hubert

LITTLE, Daniel P.

BRAUN, Andreas

LOUGH, David M.

XIANG, Guobing

VAN DEN BOOM, Dirk

JURINKE, Christian

RUPPERT, Andreas

TITLE OF INVENTION: DNA DIAGNOSTICS BASED ON MASS SPECTROMETRY

NUMBER OF SEQUENCES: 320

CORRESPONDENCE ADDRESS:

ADDRESSEE: Fish & Richardson P. C.

STREET: 12930 El Camino Real

CITY: San Diego

STATE: CA

COUNTRY: USA

ZIP: 92130

COMPUTER READABLE FORM:

MEDIUM TYPE: Diskette

COMPUTER: IBM Compatible

OPERATING SYSTEM: DOS

SOFTWARE: ASCII

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/09/686,148B

FILING DATE: 10-Oct-2000

CLASSIFICATION: <Unknown>

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 09/297,576

FILING DATE: 28-Jun-99

APPLICATION NUMBER: 08/947,801

FILING DATE: 08-Oct-97

APPLICATION NUMBER: 08/933,792

FILING DATE: 19-Sep-97

APPLICATION NUMBER: 08/787,639

FILING DATE: 23-Jan-97

APPLICATION NUMBER: 08/786,988

FILING DATE: 23-Jan-97

APPLICATION NUMBER: 08/746,055

FILING DATE: 06-Nov-96

APPLICATION NUMBER: 08/746,036

FILING DATE: 06-Nov-96

APPLICATION NUMBER: 08/744,590

FILING DATE: 06-Nov-96

APPLICATION NUMBER: 08/744,481

FILING DATE: 06-Nov-96

ATTORNEY/AGENT INFORMATION:

NAME: Seidman, Stephanie L.

REGISTRATION NUMBER: 33,779

REFERENCE/DOCKET NUMBER: 24736-2004

TELECOMMUNICATION INFORMATION:

TELEPHONE: 858-450-8400

TELEFAX: 858-450-8499

INFORMATION FOR SEQ ID NO: 320:

SEQUENCE CHARACTERISTICS:

LENGTH: 42 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: unknown

MOLECULE TYPE: cDNA

HYPOTHETICAL: NO

ANTI-SENSE: NO

FRAGMENT TYPE: <Unknown>

ORIGINAL SOURCE:

SEQUENCE DESCRIPTION: SEQ ID NO: 320;

US-09-686-148B-320

Query Match 40.0%; Score 4; DB 29; Length 42;

Best Local Similarity 100.0%; Pred.No. 0;

Matches 4; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Oy 4 CWG 7
Db 36 CWG 33

RESULT 135

US-09-686-148C-320
; Sequence 320, Application US/09686148C

GENERAL INFORMATION:

APPLICANT: KOSTER, HUBERT

APPLICANT: LITTLE, DANIEL P.

APPLICANT: BRAUN, ANDREAS

APPLICANT: LOUGH, DAVID M.

APPLICANT: XIANG, GUOBING

APPLICANT: VAN DEN BOOM, DIRK

APPLICANT: JURINKE, CHRISTIAN

APPLICANT: RUPPERT, ANDREAS

TITLE OF INVENTION: DNA DIAGNOSTICS BASED ON MASS SPECTROMETRY

FILE REFERENCE: SEQ-2004-US2

CURRENT APPLICATION NUMBER: US/09/686,148C

CURRENT FILING DATE: 2000-10-10

PRIOR APPLICATION NUMBER: 09/297,576

PRIOR FILING DATE: 1999-06-28

PRIOR APPLICATION NUMBER: 08/947,801

PRIOR FILING DATE: 1997-10-08

PRIOR APPLICATION NUMBER: 08/933,792

PRIOR FILING DATE: 1997-09-19

PRIOR APPLICATION NUMBER: 08/787,639

PRIOR FILING DATE: 1997-01-23

PRIOR APPLICATION NUMBER: 08/786,988

PRIOR FILING DATE: 1997-01-23

PRIOR APPLICATION NUMBER: 08/746,055

PRIOR FILING DATE: 1996-11-06

PRIOR APPLICATION NUMBER: 08/746,036

PRIOR FILING DATE: 1996-11-06

PRIOR APPLICATION NUMBER: 08/744,590

PRIOR FILING DATE: 1996-11-06

PRIOR APPLICATION NUMBER: 08/744,481

PRIOR FILING DATE: 1996-11-06

NUMBER OF SEQ ID NOS: 345

SOFTWARE: PatentIn Ver. 3.3

SEQ ID NO 320

LENGTH: 42

TYPE: DNA

ORGANISM: Artificial Sequence

FEATURE:

OTHER INFORMATION: Description of Artificial Sequence: Synthetic

OTHER INFORMATION: oligonucleotide

US-09-686-148C-320

Query Match

Best Local Similarity 40.0%; Score 4; DB 29; Length 42;

Matches 4; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 4 CWWG 7
Db 33 CWWG 36

RESULT 136

US-09-686-148C-320/c
; Sequence 320, Application US/09686148C
; GENERAL INFORMATION:
; APPLICANT: KOSTER, HUBERT
; APPLICANT: LITTLE, DANIEL P.
; APPLICANT: BRAUN, ANDREAS
; APPLICANT: LOUGH, DAVID M.
; APPLICANT: XIANG, GUOBING
; APPLICANT: VAN DEN BOOM, DIRK
; APPLICANT: JURINKS, CHRISTIAN
; APPLICANT: RUPPERT, ANDREAS
; TITLE OF INVENTION: DNA DIAGNOSTICS BASED ON MASS SPECTROMETRY
; FILE REFERENCE: SEQ-2004-US2
; CURRENT APPLICATION NUMBER: US/09/686,148C
; CURRENT FILING DATE: 2000-10-10
; PRIOR APPLICATION NUMBER: 09/297,576
; PRIOR FILING DATE: 1999-06-28
; PRIOR APPLICATION NUMBER: 08/947,801
; PRIOR FILING DATE: 1997-10-08
; PRIOR APPLICATION NUMBER: 08/933,792
; PRIOR FILING DATE: 1997-09-19
; PRIOR APPLICATION NUMBER: 08/787,639
; PRIOR FILING DATE: 1997-01-23
; PRIOR APPLICATION NUMBER: 08/786,988
; PRIOR FILING DATE: 1997-01-23
; PRIOR APPLICATION NUMBER: 08/746,055
; PRIOR FILING DATE: 1996-11-06
; PRIOR APPLICATION NUMBER: 08/746,036
; PRIOR FILING DATE: 1996-11-06
; PRIOR APPLICATION NUMBER: 08/744,590
; PRIOR FILING DATE: 1996-11-06
; PRIOR APPLICATION NUMBER: 08/744,481
; PRIOR FILING DATE: 1996-11-06
; NUMBER OF SEQ ID NOS: 345
; SOFTWARE: PatentIn Ver. 3.3
; SEQ ID NO 320
; LENGTH: 42
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: oligonucleotide
US-09-686-148C-320

Query Match 40.0%; Score 4; DB 29; Length 42;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 4; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 4 CWWG 7
Db 36 CWWG 33

RESULT 137

US-10-669-162C-387
; Sequence 387, Application US/10669162C
; GENERAL INFORMATION:
; APPLICANT: Breaker, Ronald R.
; APPLICANT: Nahvi, Ali
; APPLICANT: Sudarsan, Narasimhan
; APPLICANT: Ebert, Margaret S.
; APPLICANT: Winkler, Wade
; APPLICANT: Barrick, Jeffrey E.
; APPLICANT: Wickiser, John K.
; TITLE OF INVENTION: RIBOSWITCHES, METHODS FOR THEIR USE, AND
; COMPOSITIONS FOR USE WITH RIBOSWITCHES

; FILE REFERENCE: 25006.0016U2
; CURRENT APPLICATION NUMBER: US/10/669,162C
; CURRENT FILING DATE: 2003-09-22
; PRIOR APPLICATION NUMBER: 60/412,468
; PRIOR FILING DATE: 2002-09-20
; NUMBER OF SEQ ID NOS: 410
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 387
; LENGTH: 50
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Note =
; OTHER INFORMATION: synthetic construct
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: 10, 15
; OTHER INFORMATION: k = g or u
; NAME/KEY: misc feature
; LOCATION: 1, 11, 14, 30-32
; OTHER INFORMATION: n = g, a, c or u
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: 7, 12, 18-21, 27, 43-44, 48-50
; OTHER INFORMATION: r = a or g
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: 4-6, 17, 37
; OTHER INFORMATION: y = c or u
US-10-669-162C-387

Query Match 40.0%; Score 4; DB 54; Length 50;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 4; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 RRRRC 4
Db 19 RRRRC 22

RESULT 138

US-10-669-162C-387/c
; Sequence 387, Application US/10669162C
; GENERAL INFORMATION:
; APPLICANT: Breaker, Ronald R.
; APPLICANT: Nahvi, Ali
; APPLICANT: Sudarsan, Narasimhan
; APPLICANT: Ebert, Margaret S.
; APPLICANT: Winkler, Wade
; APPLICANT: Barrick, Jeffrey E.
; APPLICANT: Wickiser, John K.
; TITLE OF INVENTION: RIBOSWITCHES, METHODS FOR THEIR USE, AND
; COMPOSITIONS FOR USE WITH RIBOSWITCHES
; FILE REFERENCE: 25006.0016U2
; CURRENT APPLICATION NUMBER: US/10/669,162C
; CURRENT FILING DATE: 2003-09-22
; PRIOR APPLICATION NUMBER: 60/412,468
; PRIOR FILING DATE: 2002-09-20
; NUMBER OF SEQ ID NOS: 410
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 387
; LENGTH: 50
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Note =
; OTHER INFORMATION: synthetic construct
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: 10, 15
; OTHER INFORMATION: k = g or u
; FEATURE:

```
; NAME/KEY: misc_feature
; LOCATION: 1, 11, 14, 30-32
; OTHER INFORMATION: n = g, a, c or u
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: 7, 12, 18-21, 27, 43-44, 48-50
; OTHER INFORMATION: r = a or g
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: 4-6, 17, 37
; OTHER INFORMATION: y = c or u
; US-10-669-162C-387

Query Match          40.0%; Score 4; DB 54; Length 50;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 4; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 7 GYYY 10
Db 22 GYYY 19

RESULT 139
US-09-834-366-46417
; Sequence 46417, Application US/09834366
; GENERAL INFORMATION:
; APPLICANT: Bejanin, Stephane
; APPLICANT: Tanaka, Hiroaki
; APPLICANT: Dumas Milne Edwards, Jean Baptiste
; APPLICANT: Jobert, Severin
; APPLICANT: Giordano, Jean-Yves
; TITLE OF INVENTION: ESTs and Encoded Human Proteins.
; FILE REFERENCE: 81.US2.REG
; CURRENT APPLICATION NUMBER: US/09/834,366
; CURRENT FILING DATE: 2001-04-13
; PRIOR APPLICATION NUMBER: US 60/197,873
; PRIOR FILING DATE: 2000-04-18
; NUMBER OF SEQ ID NOS: 52153
; SOFTWARE: Patent.pm
; SEQ ID NO 46417
; LENGTH: 96
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: 89
; OTHER INFORMATION: n=a, g, c or t
; US-09-834-366-46417

Query Match          40.0%; Score 4; DB 33; Length 96;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 4; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 7 GYYY 10
Db 8 GYYY 11

RESULT 140
US-09-834-366-46417/c
; Sequence 46417, Application US/09834366
; GENERAL INFORMATION:
; APPLICANT: Bejanin, Stephane
; APPLICANT: Tanaka, Hiroaki
; APPLICANT: Dumas Milne Edwards, Jean Baptiste
; APPLICANT: Jobert, Severin
; APPLICANT: Giordano, Jean-Yves
; TITLE OF INVENTION: ESTs and Encoded Human Proteins.
; FILE REFERENCE: 81.US2.REG
; CURRENT APPLICATION NUMBER: US/09/834,366
; CURRENT FILING DATE: 2001-04-13
; PRIOR APPLICATION NUMBER: US 60/197,873
; PRIOR FILING DATE: 2000-04-18
; US-09-834-366-46417

Query Match          40.0%; Score 4; DB 54; Length 50;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 4; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 7 GYYY 10
Db 22 GYYY 19

RESULT 139
US-09-834-366-46417
; Sequence 46417, Application US/09834366
; GENERAL INFORMATION:
; APPLICANT: Bejanin, Stephane
; APPLICANT: Tanaka, Hiroaki
; APPLICANT: Dumas Milne Edwards, Jean Baptiste
; APPLICANT: Jobert, Severin
; APPLICANT: Giordano, Jean-Yves
; TITLE OF INVENTION: ESTs and Encoded Human Proteins.
; FILE REFERENCE: 81.US2.REG
; CURRENT APPLICATION NUMBER: US/09/834,366
; CURRENT FILING DATE: 2001-04-13
; PRIOR APPLICATION NUMBER: US 60/197,873
; PRIOR FILING DATE: 2000-04-18
; US-09-834-366-46417

Query Match          40.0%; Score 4; DB 33; Length 96;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 4; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 7 GYYY 10
Db 8 GYYY 11

RESULT 140
US-09-834-366-46417/c
; Sequence 46417, Application US/09834366
; GENERAL INFORMATION:
; APPLICANT: Bejanin, Stephane
; APPLICANT: Tanaka, Hiroaki
; APPLICANT: Dumas Milne Edwards, Jean Baptiste
; APPLICANT: Jobert, Severin
; APPLICANT: Giordano, Jean-Yves
; TITLE OF INVENTION: ESTs and Encoded Human Proteins.
; FILE REFERENCE: 81.US1.PRO
; CURRENT APPLICATION NUMBER: US/60/197,873
; CURRENT FILING DATE: 2000-04-18
; NUMBER OF SEQ ID NOS: 52153
; SOFTWARE: Patent.pm
; SEQ ID NO 46417
; LENGTH: 96
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: 89
; OTHER INFORMATION: n=a, g, c or t
; US-09-834-366-46417

Query Match          40.0%; Score 4; DB 75; Length 96;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 4; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 7 GYYY 10
Db 8 GYYY 11

RESULT 142
US-60-197-873-46417/c
; Sequence 46417, Application US/60197873
; GENERAL INFORMATION:
; APPLICANT: Bejanin, Stephane
; APPLICANT: Tanaka, Hiroaki
; APPLICANT: Dumas Milne Edwards, Jean Baptiste
; APPLICANT: Jobert, Severin
; APPLICANT: Giordano, Jean-Yves
; TITLE OF INVENTION: ESTs and Encoded Human Proteins.
; FILE REFERENCE: 81.US1.PRO
; CURRENT APPLICATION NUMBER: US/60/197,873
; CURRENT FILING DATE: 2000-04-18
; NUMBER OF SEQ ID NOS: 52153
; SOFTWARE: Patent.pm
; SEQ ID NO 46417
; LENGTH: 96
; TYPE: DNA
```

```
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: 89
; OTHER INFORMATION: n=a, g, c or t
US-60-197-873-46417

Query Match
Best Local Similarity 40.0%; Score 4; DB 75; Length 96;
Matches 4; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 RRC 4
Db 11 RRC 8

RESULT 143
US-10-293-252C-5
; Sequence 5, Application US/10293252C
; GENERAL INFORMATION:
; APPLICANT: Xu, Dongemi
; TITLE OF INVENTION: Identification and Use of Cytochrome
; FILE REFERENCE: 78127
; CURRENT APPLICATION NUMBER: US/10/293,252C
; PRIOR FILING DATE: 2002-11-13
; PRIOR APPLICATION NUMBER: 60/363,684
; PRIOR FILING DATE: 2002-03-12
; PRIOR APPLICATION NUMBER: 60/347,444
; PRIOR FILING DATE: 2002-01-11
; PRIOR APPLICATION NUMBER: 60/337,684
; NUMBER OF SEQ ID NOS: 152
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 5
; LENGTH: 4
; TYPE: DNA
; ORGANISM: Nicotiana
US-10-293-252C-5

Query Match
Best Local Similarity 30.0%; Score 3; DB 43; Length 4;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2 RRC 4
Db 2 RRC 4

RESULT 144
US-10-293-252C-5/c
; Sequence 5, Application US/10293252C
; GENERAL INFORMATION:
; APPLICANT: Xu, Dongemi
; TITLE OF INVENTION: Identification and Use of Cytochrome
; FILE REFERENCE: 78127
; CURRENT APPLICATION NUMBER: US/10/293,252C
; PRIOR FILING DATE: 2002-11-13
; PRIOR APPLICATION NUMBER: 60/363,684
; PRIOR FILING DATE: 2002-03-12
; PRIOR APPLICATION NUMBER: 60/347,444
; PRIOR FILING DATE: 2002-01-11
; PRIOR APPLICATION NUMBER: 60/337,684
; NUMBER OF SEQ ID NOS: 152
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 5
; LENGTH: 4
; TYPE: DNA
; ORGANISM: Nicotiana
US-10-293-252C-5

Query Match
Best Local Similarity 30.0%; Score 3; DB 43; Length 4;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2 RRC 4
Db 2 RRC 4

RESULT 145
US-10-340-861B-5
; Sequence 5, Application US/10340861B
; GENERAL INFORMATION:
; APPLICANT: Xu, Dongemi
; TITLE OF INVENTION: Identification and Use of Cytochrome
; FILE REFERENCE: 78406
; CURRENT APPLICATION NUMBER: US/10/340,861B
; PRIOR FILING DATE: 2003-01-10
; PRIOR APPLICATION NUMBER: 10/293,252
; PRIOR FILING DATE: 2002-11-13
; PRIOR APPLICATION NUMBER: 60/363,684
; PRIOR FILING DATE: 2002-03-12
; PRIOR APPLICATION NUMBER: 60/347,444
; PRIOR FILING DATE: 2002-01-11
; PRIOR APPLICATION NUMBER: 60/337,684
; NUMBER OF SEQ ID NOS: 184
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 5
; LENGTH: 4
; TYPE: DNA
; ORGANISM: Nicotiana
US-10-340-861B-5

Query Match
Best Local Similarity 30.0%; Score 3; DB 49; Length 4;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2 RRC 4
Db 2 RRC 4

RESULT 146
US-10-340-861B-5/c
; Sequence 5, Application US/10340861B
; GENERAL INFORMATION:
; APPLICANT: Xu, Dongemi
; TITLE OF INVENTION: Identification and Use of Cytochrome
; FILE REFERENCE: 78406
; CURRENT APPLICATION NUMBER: US/10/340,861B
; PRIOR FILING DATE: 2003-01-10
; PRIOR APPLICATION NUMBER: 10/293,252
; PRIOR FILING DATE: 2002-11-13
; PRIOR APPLICATION NUMBER: 60/363,684
; PRIOR FILING DATE: 2002-03-12
; PRIOR APPLICATION NUMBER: 60/347,444
; PRIOR FILING DATE: 2002-01-11
; PRIOR APPLICATION NUMBER: 60/337,684
; NUMBER OF SEQ ID NOS: 184
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 5
; LENGTH: 4
; TYPE: DNA
; ORGANISM: Nicotiana
US-10-340-861B-5

Query Match
Best Local Similarity 30.0%; Score 3; DB 49; Length 4;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2 RRC 4
Db 2 RRC 4

RESULT 147
US-10-340-861B-5/c
; Sequence 5, Application US/10340861B
; GENERAL INFORMATION:
; APPLICANT: Xu, Dongemi
; TITLE OF INVENTION: Identification and Use of Cytochrome
; FILE REFERENCE: 78406
; CURRENT APPLICATION NUMBER: US/10/340,861B
; PRIOR FILING DATE: 2003-01-10
; PRIOR APPLICATION NUMBER: 10/293,252
; PRIOR FILING DATE: 2002-11-13
; PRIOR APPLICATION NUMBER: 60/363,684
; PRIOR FILING DATE: 2002-03-12
; PRIOR APPLICATION NUMBER: 60/347,444
; PRIOR FILING DATE: 2002-01-11
; PRIOR APPLICATION NUMBER: 60/337,684
; NUMBER OF SEQ ID NOS: 184
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 5
; LENGTH: 4
; TYPE: DNA
; ORGANISM: Nicotiana
US-10-340-861B-5

Query Match
Best Local Similarity 30.0%; Score 3; DB 49; Length 4;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```

QY      7 GY 9
Db      4 GY 2

RESULT 147
PCT-US00-18229-1
; Sequence 1, Application PC/TUS0018229
; GENERAL INFORMATION:
; APPLICANT: Kobayashi, Hiroko
; TITLE OF INVENTION: Method for Enhancing an Immune Response
; FILE REFERENCE: 6510-189W01
; CURRENT APPLICATION NUMBER: PCT/US00/18229
; PRIOR FILING DATE: 2000-06-30
; PRIOR APPLICATION NUMBER: 09/347,343
; NUMBER OF SEQ ID NOS: 40
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 1
; LENGTH: 6
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide
PCT-US00-18229-1

Query Match      30.0%; Score 3; DB 1; Length 6;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      2 RRC 4
Db      1 RRC 3

RESULT 148
PCT-US00-18229-1/c
; Sequence 1, Application PC/TUS0018229
; GENERAL INFORMATION:
; APPLICANT: Raz, Eyal
; APPLICANT: Kobayashi, Hiroko
; TITLE OF INVENTION: Method for Enhancing an Immune Response
; FILE REFERENCE: 6510-189W01
; CURRENT APPLICATION NUMBER: PCT/US00/18229
; CURRENT FILING DATE: 2000-06-30
; PRIOR FILING DATE: 1999-07-02
; NUMBER OF SEQ ID NOS: 40
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 1
; LENGTH: 6
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide
PCT-US00-18229-1

Query Match      30.0%; Score 3; DB 1; Length 6;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      2 RRC 4
Db      1 RRC 3

RESULT 149
PCT-US00-18229-2
; Sequence 2, Application PC/TUS0018229
; GENERAL INFORMATION:
; APPLICANT: Raz, Eyal
; APPLICANT: Kobayashi, Hiroko
; TITLE OF INVENTION: Method for Enhancing an Immune Response
; FILE REFERENCE: 6510-189W01
; CURRENT APPLICATION NUMBER: PCT/US00/18229
; CURRENT FILING DATE: 2000-06-30
; PRIOR FILING DATE: 1999-07-02
; NUMBER OF SEQ ID NOS: 40
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 1
; LENGTH: 6
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide
PCT-US00-18229-2

Query Match      30.0%; Score 3; DB 1; Length 6;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      2 RRC 4
Db      6 RRC 4

RESULT 150
PCT-US00-18229-2/c
; Sequence 2, Application PC/TUS0018229
; GENERAL INFORMATION:
; APPLICANT: Raz, Eyal
; APPLICANT: Kobayashi, Hiroko
; TITLE OF INVENTION: Method for Enhancing an Immune Response
; FILE REFERENCE: 6510-189W01
; CURRENT APPLICATION NUMBER: PCT/US00/18229
; CURRENT FILING DATE: 2000-06-30
; PRIOR FILING DATE: 1999-07-02
; NUMBER OF SEQ ID NOS: 40
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 2
; LENGTH: 6
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide
PCT-US00-18229-2

Query Match      30.0%; Score 3; DB 1; Length 6;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      2 RRC 4
Db      6 RRC 4

RESULT 151
US-09-470-382-1
; Sequence 1, Application US/09470382
; GENERAL INFORMATION:
; APPLICANT: Eval R. Raz
; APPLICANT: M. Teresa Magone
; TITLE OF INVENTION: METHOD FOR AMELIORATING AN ALLERGIC
; FILE REFERENCE: 30448.73US01
; CURRENT APPLICATION NUMBER: US/09/470,382
; CURRENT FILING DATE: 1999-12-21
; NUMBER OF SEQ ID NOS: 70
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 1
; LENGTH: 6
; TYPE: DNA

```

```
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Oligonucleotide
US-09-470-382-1
Query Match          30.0%; Score 3; DB 24; Length 6;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2 RRC 4
Db 1 RRC 3

RESULT 152
US-09-470-382-1/c
; Sequence 1, Application US/09470382
; GENERAL INFORMATION:
; APPLICANT: Eval R. Raz
; APPLICANT: M. Teresa Magone
; TITLE OF INVENTION: METHOD FOR AMELIORATING AN ALLERGIC
; FILE REFERENCE: 30448.73US01
; CURRENT APPLICATION NUMBER: US/09/470,382
; CURRENT FILING DATE: 1999-12-21
; NUMBER OF SEQ ID NOS: 70
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 1
; LENGTH: 6
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Oligonucleotide
US-09-470-382-1
Query Match          30.0%; Score 3; DB 24; Length 6;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2 RRC 4
Db 6 RRC 4

RESULT 153
US-09-470-382-2
; Sequence 2, Application US/09470382
; GENERAL INFORMATION:
; APPLICANT: Eval R. Raz
; APPLICANT: M. Teresa Magone
; TITLE OF INVENTION: METHOD FOR AMELIORATING AN ALLERGIC
; FILE REFERENCE: 30448.73US01
; CURRENT APPLICATION NUMBER: US/09/470,382
; CURRENT FILING DATE: 1999-12-21
; NUMBER OF SEQ ID NOS: 70
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 2
; LENGTH: 6
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Oligonucleotide
US-09-470-382-2
Query Match          30.0%; Score 3; DB 24; Length 6;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2 RRC 4
Db 6 RRC 4

RESULT 154
US-09-470-382-2/c
; Sequence 2, Application US/09470382
; GENERAL INFORMATION:
; APPLICANT: Eval R. Raz
; APPLICANT: M. Teresa Magone
; TITLE OF INVENTION: METHOD FOR AMELIORATING AN ALLERGIC
; FILE REFERENCE: 30448.73US01
; CURRENT APPLICATION NUMBER: US/09/470,382
; CURRENT FILING DATE: 1999-12-21
; NUMBER OF SEQ ID NOS: 70
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 2
; LENGTH: 6
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Oligonucleotide
US-09-470-382-2
Query Match          30.0%; Score 3; DB 24; Length 6;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2 RRC 4
Db 6 RRC 4

RESULT 155
US-09-581-976B-27
; Sequence 27, Application US/09581976B
; GENERAL INFORMATION:
; APPLICANT: Dalemans, Wilfried L.J.
; APPLICANT: Gerard, Catherine Marie Ghislaine
; TITLE OF INVENTION: Vaccine
; FILE REFERENCE: B45124
; CURRENT APPLICATION NUMBER: US/09/581,976B
; CURRENT FILING DATE: 2000-06-20
; PRIOR APPLICATION NUMBER: PCT/EP98/08563
; PRIOR FILING DATE: 1998-12-18
; PRIOR APPLICATION NUMBER: GB 9727262.9
; PRIOR FILING DATE: 1997-12-24
; NUMBER OF SEQ ID NOS: 28
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 27
; LENGTH: 6
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic
US-09-581-976B-27
Query Match          30.0%; Score 3; DB 27; Length 6;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2 RRC 4
Db 1 RRC 3

RESULT 156
US-09-581-976B-27/c
; Sequence 27, Application US/09581976B
; GENERAL INFORMATION:
; APPLICANT: Dalemans, Wilfried L.J.
; APPLICANT: Gerard, Catherine Marie Ghislaine
; TITLE OF INVENTION: Vaccine
; FILE REFERENCE: B45124
; CURRENT APPLICATION NUMBER: US/09/581,976B
```



```
; CURRENT FILING DATE: 2000-06-20
; PRIOR APPLICATION NUMBER: PCT/EP98/08563
; PRIOR FILING DATE: 1998-12-18
; PRIOR APPLICATION NUMBER: GB 9727262.9
; PRIOR FILING DATE: 1997-12-24
; NUMBER OF SEQ ID NOS: 28
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 27
; LENGTH: 6
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic
US-09-581-976B-27

Query Match          30.0%; Score 3; DB 27; Length 6;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2 RRC 4
Db 6 RRC 4

RESULT 157
US-09-581-976C-27
; Sequence 1, Application US/09581976C
; GENERAL INFORMATION:
; APPLICANT: Dalemans, Wilfried L.J.
; APPLICANT: Gerard, Catherine Marie Ghislaine
; TITLE OF INVENTION: Compositions Comprising Human Papilloma Virus Proteins
and Fusion Proteins Adjuvanted with a CpG Oligonucleotide
; FILE REFERENCE: B45124
; CURRENT APPLICATION NUMBER: US/09/581,976C
; CURRENT FILING DATE: 2000-06-20
; PRIOR APPLICATION NUMBER: PCT/EP98/08563
; PRIOR FILING DATE: 1998-12-18
; PRIOR APPLICATION NUMBER: GB 9727262.9
; PRIOR FILING DATE: 1997-12-24
; NUMBER OF SEQ ID NOS: 28
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 27
; LENGTH: 6
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic
US-09-581-976C-27

Query Match          30.0%; Score 3; DB 27; Length 6;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2 RRC 4
Db 6 RRC 4

RESULT 158
US-09-581-976C-27/c
; Sequence 27, Application US/09581976C
; GENERAL INFORMATION:
; APPLICANT: Dalemans, Wilfried L.J.
; APPLICANT: Gerard, Catherine Marie Ghislaine
; TITLE OF INVENTION: Compositions Comprising Human Papilloma Virus Proteins
and Fusion Proteins Adjuvanted with a CpG Oligonucleotide
; FILE REFERENCE: B45124
; CURRENT APPLICATION NUMBER: US/09/581,976C
; CURRENT FILING DATE: 2000-06-20
; PRIOR APPLICATION NUMBER: PCT/EP98/08563
; PRIOR FILING DATE: 1998-12-18
; PRIOR APPLICATION NUMBER: GB 9727262.9
; PRIOR FILING DATE: 1997-12-24
```

```
; NUMBER OF SEQ ID NOS: 28
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 27
; LENGTH: 6
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic
US-09-581-976C-27

Query Match          30.0%; Score 3; DB 27; Length 6;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2 RRC 4
Db 6 RRC 4

RESULT 159
US-10-253-117-1
; Sequence 1, Application US/10253117
; GENERAL INFORMATION:
; APPLICANT: RAZ, Eyal R.
; APPLICANT: KOBAYASHI, Hiroko
; TITLE OF INVENTION: METHOD FOR ENHANCING AN IMMUNE RESPONSE
; FILE REFERENCE: 30448.64US01
; CURRENT APPLICATION NUMBER: US/10/253,117
; CURRENT FILING DATE: 2002-09-23
; PRIOR APPLICATION NUMBER: US/09/347,343
; PRIOR FILING DATE: 1999-07-02
; NUMBER OF SEQ ID NOS: 40
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 1
; LENGTH: 6
; TYPE: DNA
; ORGANISM: synthetic oligonucleotide
US-10-253-117-1

Query Match          30.0%; Score 3; DB 43; Length 6;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2 RRC 4
Db 1 RRC 3

RESULT 160
US-10-253-117-1/c
; Sequence 1, Application US/10253117
; GENERAL INFORMATION:
; APPLICANT: RAZ, Eyal R.
; APPLICANT: KOBAYASHI, Hiroko
; TITLE OF INVENTION: METHOD FOR ENHANCING AN IMMUNE RESPONSE
; FILE REFERENCE: 30448.64US01
; CURRENT APPLICATION NUMBER: US/10/253,117
; CURRENT FILING DATE: 2002-09-23
; PRIOR APPLICATION NUMBER: US/09/347,343
; PRIOR FILING DATE: 1999-07-02
; NUMBER OF SEQ ID NOS: 40
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 1
; LENGTH: 6
; TYPE: DNA
; ORGANISM: synthetic oligonucleotide
US-10-253-117-1

Query Match          30.0%; Score 3; DB 43; Length 6;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2 RRC 4
Db 1 RRC 4
```


; FEATURE:
; OTHER INFORMATION: synthetic
US-10-437-258-27

Query Match 30.0%; Score 3; DB 51; Length 6;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2 RRC 4
|||
Db 1 RRC 3

RESULT 166

US-10-437-258-27/c
; Sequence 27, Application US/10437258
; GENERAL INFORMATION:
; APPLICANT: Tam, Ying K.
; APPLICANT: Semple, Sean
; APPLICANT: Klimuk, Sandra
; APPLICANT: Chikh, Ghania
; TITLE OF INVENTION: CANCER VACCINES AND METHODS OF USING THE SAME
; FILE REFERENCE: A-72252/TAL
; CURRENT APPLICATION NUMBER: US/10/437,258
; CURRENT FILING DATE: 2003-05-12
; PRIOR APPLICATION NUMBER: 60/379,343
; PRIOR FILING DATE: 2002-05-10
; PRIOR APPLICATION NUMBER: 60/460,646
; PRIOR FILING DATE: 2003-04-04
; PRIOR APPLICATION NUMBER: 60/454,298
; PRIOR FILING DATE: 2003-03-12
; NUMBER OF SEQ ID NOS: 34
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 27
; LENGTH: 6
; TYPE: DNA
; ORGANISM: Artificial
; FEATURE:
; OTHER INFORMATION: synthetic
US-10-437-258-27

Query Match 30.0%; Score 3; DB 51; Length 6;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2 RRC 4
|||
Db 6 RRC 4

RESULT 167

US-10-437-263-27
; Sequence 27, Application US/10437263
; GENERAL INFORMATION:
; APPLICANT: Semple, Sean
; APPLICANT: Klimuk, Sandra
; APPLICANT: Chikh, Ghania
; APPLICANT: Hope, Michael J.
; TITLE OF INVENTION: PATHOGEN VACCINES AND METHODS FOR USING THE SAME
; FILE REFERENCE: A-72216/TAL
; CURRENT APPLICATION NUMBER: US/10/437,263
; CURRENT FILING DATE: 2003-05-12
; PRIOR APPLICATION NUMBER: 60/379,343
; PRIOR FILING DATE: 2002-05-10
; PRIOR APPLICATION NUMBER: 60/460,646
; PRIOR FILING DATE: 2003-04-04
; PRIOR APPLICATION NUMBER: 60/454,298
; PRIOR FILING DATE: 2003-03-12
; NUMBER OF SEQ ID NOS: 34
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 27
; LENGTH: 6
; TYPE: DNA

; ORGANISM: Artificial
; FEATURE:
; OTHER INFORMATION: synthetic
US-10-437-263-27

Query Match 30.0%; Score 3; DB 51; Length 6;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2 RRC 4
|||
Db 1 RRC 3

RESULT 168

US-10-437-263-27/c
; Sequence 27, Application US/10437263
; GENERAL INFORMATION:
; APPLICANT: Semple, Sean
; APPLICANT: Tam, Ying K.
; APPLICANT: Chikh, Ghania
; APPLICANT: Hope, Michael J.
; TITLE OF INVENTION: PATHOGEN VACCINES AND METHODS FOR USING THE SAME
; FILE REFERENCE: A-72216/TAL
; CURRENT APPLICATION NUMBER: US/10/437,263
; CURRENT FILING DATE: 2003-05-12
; PRIOR APPLICATION NUMBER: 60/379,343
; PRIOR FILING DATE: 2002-05-10
; PRIOR APPLICATION NUMBER: 60/460,646
; PRIOR FILING DATE: 2003-04-04
; PRIOR APPLICATION NUMBER: 60/454,298
; PRIOR FILING DATE: 2003-03-12
; NUMBER OF SEQ ID NOS: 34
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 27
; LENGTH: 6
; TYPE: DNA
; ORGANISM: Artificial
; FEATURE:
; OTHER INFORMATION: synthetic
US-10-437-263-27

Query Match 30.0%; Score 3; DB 51; Length 6;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2 RRC 4
|||
Db 6 RRC 4

RESULT 169

US-10-437-275-27
; Sequence 27, Application US/10437275
; GENERAL INFORMATION:
; APPLICANT: Tam, Ying K.
; APPLICANT: Semple, Sean
; APPLICANT: Klimuk, Sandra
; APPLICANT: Chikh, Ghania
; TITLE OF INVENTION: METHYLATED IMMUNOSTIMULATORY OLIGONUCLEOTIDES AND METHODS OF
; FILE REFERENCE: A-72158/TAL
; CURRENT APPLICATION NUMBER: US/10/437,275
; CURRENT FILING DATE: 2003-05-12
; PRIOR APPLICATION NUMBER: 60/379,343
; PRIOR FILING DATE: 2002-05-10
; PRIOR APPLICATION NUMBER: 60/460,646
; PRIOR FILING DATE: 2003-04-04
; PRIOR APPLICATION NUMBER: 10/290,545
; PRIOR FILING DATE: 2002-11-07
; NUMBER OF SEQ ID NOS: 32
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 27

```
; LENGTH: 6
; TYPE: DNA
; ORGANISM: Artificial
; FEATURE:
; OTHER INFORMATION: synthetic
US-10-437-275-27

Query Match          30.0%; Score 3; DB 51; Length 6;
Best Local Similarity 100.0%; Pred.No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2 RRC 4
Db 1 RRC 3

RESULT 170
US-10-437-275-27/c
; Sequence 27, Application US/10437275
; GENERAL INFORMATION:
; APPLICANT: Tam, Ying K.
; APPLICANT: Semple, Sean
; APPLICANT: Klimuk, Sandra
; APPLICANT: Chikh, Ghania
; TITLE OF INVENTION: METHYLATED IMMUNOSTIMULATORY OLIGONUCLEOTIDES AND METHODS OF
; FILE REFERENCE: A-72158/TAL
; CURRENT APPLICATION NUMBER: US/10/437,275
; CURRENT FILING DATE: 2003-05-12
; PRIOR APPLICATION NUMBER: 60/379,343
; PRIOR FILING DATE: 2002-05-10
; PRIOR APPLICATION NUMBER: 60/460,646
; PRIOR FILING DATE: 2003-04-04
; PRIOR APPLICATION NUMBER: 10/290,545
; PRIOR FILING DATE: 2002-11-07
; NUMBER OF SEQ ID NOS: 32
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 27
; LENGTH: 6
; TYPE: DNA
; ORGANISM: Artificial
; FEATURE:
; OTHER INFORMATION: synthetic
US-10-437-275-27

Query Match          30.0%; Score 3; DB 51; Length 6;
Best Local Similarity 100.0%; Pred.No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2 RRC 4
Db 6 RRC 4

RESULT 171
US-10-437-275A-27
; Sequence 27, Application US/10437275A
; GENERAL INFORMATION:
; APPLICANT: Tam, Ying K.
; APPLICANT: Semple, Sean
; APPLICANT: Klimuk, Sandra
; APPLICANT: Chikh, Ghania
; TITLE OF INVENTION: METHYLATED IMMUNOSTIMULATORY OLIGONUCLEOTIDES AND METHODS OF
; FILE REFERENCE: A-72158/TAL
; CURRENT APPLICATION NUMBER: US/10/437,275A
; CURRENT FILING DATE: 2003-05-12
; PRIOR APPLICATION NUMBER: 60/379,343
; PRIOR FILING DATE: 2002-05-10
; PRIOR APPLICATION NUMBER: 60/460,646
; PRIOR FILING DATE: 2003-04-04
; PRIOR APPLICATION NUMBER: 10/290,545
; PRIOR FILING DATE: 2002-11-07
; ;
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```
; NUMBER OF SEQ ID NOS: 34
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 27
; LENGTH: 6
; TYPE: DNA
; ORGANISM: Artificial
; FEATURE:
; OTHER INFORMATION: synthetic
US-10-437-275A-27

Query Match          30.0%; Score 3; DB 51; Length 6;
Best Local Similarity 100.0%; Pred.No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2 RRC 4
Db 1 RRC 3

RESULT 172
US-10-437-275A-27/c
; Sequence 27, Application US/10437275A
; GENERAL INFORMATION:
; APPLICANT: Tam, Ying K.
; APPLICANT: Semple, Sean
; APPLICANT: Klimuk, Sandra
; APPLICANT: Chikh, Ghania
; TITLE OF INVENTION: METHYLATED IMMUNOSTIMULATORY OLIGONUCLEOTIDES AND METHODS OF
; FILE REFERENCE: A-72158/TAL
; CURRENT APPLICATION NUMBER: US/10/437,275A
; CURRENT FILING DATE: 2003-05-12
; PRIOR APPLICATION NUMBER: 60/379,343
; PRIOR FILING DATE: 2002-05-10
; PRIOR APPLICATION NUMBER: 60/460,646
; PRIOR FILING DATE: 2003-04-04
; PRIOR APPLICATION NUMBER: 10/290,545
; PRIOR FILING DATE: 2002-11-07
; NUMBER OF SEQ ID NOS: 34
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 27
; LENGTH: 6
; TYPE: DNA
; ORGANISM: Artificial
; FEATURE:
; OTHER INFORMATION: synthetic
US-10-437-275A-27

Query Match          30.0%; Score 3; DB 51; Length 6;
Best Local Similarity 100.0%; Pred.No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2 RRC 4
Db 6 RRC 4

RESULT 173
US-10-661-478-8
; Sequence 8, Application US/10661478
; GENERAL INFORMATION:
; APPLICANT: Council of Scientific and Industrial Research
; TITLE OF INVENTION: A chemically synthesized artificial promoter for high level expres
; TITLE OF INVENTION: transgenes and a method for its synthesis
; FILE REFERENCE: Q52511
; CURRENT APPLICATION NUMBER: US/10/661,478
; CURRENT FILING DATE: 2003-09-15
; PRIOR APPLICATION NUMBER: US/09/263,692A
; PRIOR FILING DATE: 1999-03-05
; PRIOR APPLICATION NUMBER: 3322/Del/98
; PRIOR FILING DATE: 1998-11-09
; NUMBER OF SEQ ID NOS: 20
; SOFTWARE: PatentIn version 3.0
; ;
```

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; SEQ ID NO 8
; LENGTH: 6
; TYPE: DNA
; ORGANISM: Artificial
; FEATURE:
; OTHER INFORMATION: domain II(b)
US-10-661-478-8

Query Match      30.0%; Score 3; DB 54; Length 6;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 4 CWV 6
Db 1 CWV 3

RESULT 174
US-10-661-478-8/c
; Sequence 8, Application US/10661478
; GENERAL INFORMATION:
; APPLICANT: Council of Scientific and Industrial Research
; TITLE OF INVENTION: A chemically synthesized artificial promoter for high level expression
; FILE REFERENCE: Q52511
; CURRENT APPLICATION NUMBER: US/10/661,478
; PRIOR FILING DATE: 2003-09-15
; PRIOR APPLICATION NUMBER: US/09/263,692A
; PRIOR FILING DATE: 1999-03-05
; PRIOR APPLICATION NUMBER: 3322/Del/98
; PRIOR FILING DATE: 1998-11-09
; NUMBER OF SEQ ID NOS: 20
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 8
; LENGTH: 6
; TYPE: DNA
; ORGANISM: Artificial
; FEATURE:
; OTHER INFORMATION: domain II(b)
US-10-661-478-8

Query Match      30.0%; Score 3; DB 54; Length 6;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 5 WVG 7
Db 6 WVG 4

RESULT 175
US-10-899-771-27
; Sequence 27, Application US/10899771
; GENERAL INFORMATION:
; APPLICANT: Dalemans, Wilfried L.J.
; TITLE OF INVENTION: Compositions Comprising Human Papilloma Virus Proteins
; FILE REFERENCE: B45124
; CURRENT APPLICATION NUMBER: US/10/899,771
; CURRENT FILING DATE: 2004-07-27
; PRIOR APPLICATION NUMBER: US/09/581,976
; PRIOR FILING DATE: 2000-06-20
; PRIOR APPLICATION NUMBER: PCT/EP98/08563
; PRIOR FILING DATE: 1998-12-18
; PRIOR APPLICATION NUMBER: GB 9727262.9
; NUMBER OF SEQ ID NOS: 28
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 27
; LENGTH: 6
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic
US-10-899-771-27

Query Match      30.0%; Score 3; DB 62; Length 6;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2 RRC 4
Db 6 RRC 4

RESULT 176
US-10-899-771-27/c
; Sequence 27, Application US/10899771
; GENERAL INFORMATION:
; APPLICANT: Dalemans, Wilfried L.J.
; TITLE OF INVENTION: Compositions Comprising Human Papilloma Virus Proteins
; FILE REFERENCE: B45124
; CURRENT APPLICATION NUMBER: US/10/899,771
; CURRENT FILING DATE: 2004-07-27
; PRIOR APPLICATION NUMBER: US/09/581,976
; PRIOR FILING DATE: 2000-06-20
; PRIOR APPLICATION NUMBER: PCT/EP98/08563
; PRIOR FILING DATE: 1998-12-18
; PRIOR APPLICATION NUMBER: GB 9727262.9
; NUMBER OF SEQ ID NOS: 28
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 27
; LENGTH: 6
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic
US-10-899-771-27

Query Match      30.0%; Score 3; DB 62; Length 6;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2 RRC 4
Db 6 RRC 4

RESULT 177
US-10-963-999-28
; Sequence 28, Application US/10963999
; GENERAL INFORMATION:
; APPLICANT: Tam, Ying K.
; APPLICANT: Chikh, Ghania
; APPLICANT: Sekirov, Laura
; APPLICANT: Brodsky, Irina
; APPLICANT: Ramey, Sameersingh G.
; TITLE OF INVENTION: Methods and Compositions for Enhancing Innate Immunity and
; FILE REFERENCE: 33687/US/3 (454892-00056)
; CURRENT APPLICATION NUMBER: US/10/963,999
; CURRENT FILING DATE: 2004-10-12
; PRIOR APPLICATION NUMBER: US 60/616,161
; PRIOR FILING DATE: 2004-10-04
; PRIOR APPLICATION NUMBER: US 60/542,754
; PRIOR FILING DATE: 2004-02-06
; PRIOR APPLICATION NUMBER: US 60/510,799
; PRIOR FILING DATE: 2003-10-11
; NUMBER OF SEQ ID NOS: 33
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 28
; LENGTH: 6
; ORGANISM: Artificial Sequence
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; TYPE: DNA
; ORGANISM: Artificial
; FEATURE:
; OTHER INFORMATION: Synthetic
US-10-963-999-28
Query Match 30.0%; Score 3; DB 64; Length 6;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2 RRC 4
Db 1 RRC 3

RESULT 178
US-10-963-999-28/c
; Sequence 28, Application US/10963999
; GENERAL INFORMATION:
; APPLICANT: Tam, Ying K.
; APPLICANT: Chikh, Ghania
; APPLICANT: Sekirov, Laura
; APPLICANT: Brodsky, Irina
; APPLICANT: Raney, Sameersingh G.
; TITLE OF INVENTION: Methods and Compositions for Enhancing Innate Immunity and
; FILE REFERENCE: 33687/US/3 (454892-00056)
; CURRENT FILING DATE: 2004-10-12
; PRIOR APPLICATION NUMBER: US 60/616,161
; PRIOR FILING DATE: 2004-10-04
; PRIOR APPLICATION NUMBER: US 60/542,754
; PRIOR FILING DATE: 2004-02-06
; PRIOR APPLICATION NUMBER: US 60/510,799
; PRIOR FILING DATE: 2003-10-11
; NUMBER OF SEQ ID NOS: 33
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 28
; LENGTH: 6
; TYPE: DNA
; ORGANISM: Artificial
; FEATURE:
; OTHER INFORMATION: Synthetic
US-10-963-999-28
Query Match 30.0%; Score 3; DB 64; Length 6;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2 RRC 4
Db 6 RRC 4

RESULT 179
PCT-US99-13295-93
; Sequence 93, Application PC/TUS9913295
; GENERAL INFORMATION:
; APPLICANT: New England Biolabs, Inc.
; APPLICANT: Vaisvila, Romualdas
; APPLICANT: Morgan, Richard D.
; APPLICANT: Raleigh, Elisabeth
; TITLE OF INVENTION: Restriction Enzyme Gene Discovery Method
; FILE REFERENCE: Gene Discovery Method
; CURRENT APPLICATION NUMBER: PCT/US99/13295
; CURRENT FILING DATE: 1999-06-11
; EARLIER APPLICATION NUMBER: 60/089,086
; EARLIER FILING DATE: 1998-06-12
; EARLIER APPLICATION NUMBER: 60/089,101
; EARLIER FILING DATE: 1998-06-12
; NUMBER OF SEQ ID NOS: 130
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 93
; LENGTH: 6
; TYPE: DNA
; ORGANISM: Artificial
; FEATURE:
; OTHER INFORMATION: Synthetic
US-10-963-999-28
Query Match 30.0%; Score 3; DB 64; Length 6;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2 RRC 4
Db 6 RRC 4

RESULT 179
PCT-US99-13295-93
; Sequence 93, Application PC/TUS9913295
; GENERAL INFORMATION:
; APPLICANT: New England Biolabs, Inc.
; APPLICANT: Vaisvila, Romualdas
; APPLICANT: Morgan, Richard D.
; APPLICANT: Raleigh, Elisabeth
; TITLE OF INVENTION: Restriction Enzyme Gene Discovery Method
; FILE REFERENCE: Gene Discovery Method
; CURRENT APPLICATION NUMBER: PCT/US99/13295
; CURRENT FILING DATE: 1999-06-11
; EARLIER APPLICATION NUMBER: 60/089,086
; EARLIER FILING DATE: 1998-06-12
; EARLIER APPLICATION NUMBER: 60/089,101
; EARLIER FILING DATE: 1998-06-12
; NUMBER OF SEQ ID NOS: 130
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 93
```

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; LENGTH: 7
; TYPE: DNA
; ORGANISM: Unknown
; FEATURE:
; OTHER INFORMATION: Description of Unknown Organism: Consensus
US-10-963-999-28
Query Match 30.0%; Score 3; DB 3; Length 7;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 RRR 3
Db 4 RRR 6

RESULT 180
PCT-US99-13295-93/c
; Sequence 93, Application PC/TUS9913295
; GENERAL INFORMATION:
; APPLICANT: New England Biolabs, Inc.
; APPLICANT: Vaisvila, Romualdas
; APPLICANT: Morgan, Richard D.
; APPLICANT: Raleigh, Elisabeth
; TITLE OF INVENTION: Restriction Enzyme Gene Discovery Method
; FILE REFERENCE: Gene Discovery Method
; CURRENT APPLICATION NUMBER: PCT/US99/13295
; CURRENT FILING DATE: 1999-06-11
; EARLIER APPLICATION NUMBER: 60/089,086
; EARLIER FILING DATE: 1998-06-12
; EARLIER APPLICATION NUMBER: 60/089,101
; EARLIER FILING DATE: 1998-06-12
; NUMBER OF SEQ ID NOS: 130
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 93
; LENGTH: 7
; TYPE: DNA
; ORGANISM: Unknown
; FEATURE:
; OTHER INFORMATION: Description of Unknown Organism: Consensus
US-10-963-999-28
Query Match 30.0%; Score 3; DB 3; Length 7;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 8 YYY 10
Db 6 YYY 4

RESULT 181
PCT-US99-13295-94
; Sequence 94, Application PC/TUS9913295
; GENERAL INFORMATION:
; APPLICANT: New England Biolabs, Inc.
; APPLICANT: Vaisvila, Romualdas
; APPLICANT: Morgan, Richard D.
; APPLICANT: Raleigh, Elisabeth
; TITLE OF INVENTION: Restriction Enzyme Gene Discovery Method
; FILE REFERENCE: Gene Discovery Method
; CURRENT APPLICATION NUMBER: PCT/US99/13295
; CURRENT FILING DATE: 1999-06-11
; EARLIER APPLICATION NUMBER: 60/089,086
; EARLIER FILING DATE: 1998-06-12
```

EARLIER APPLICATION NUMBER: 60/089,101
; EARLIER FILING DATE: 1998-06-12
; NUMBER OF SEQ ID NOS: 130
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 94
; LENGTH: 7
; TYPE: DNA
; ORGANISM: Unknown
; FEATURE:
; OTHER INFORMATION: Description of Unknown Organism: Consensus
; OTHER INFORMATION: sequence
; OTHER INFORMATION: Position 1 - R = A or G; Position 2, 3 & 4 - Y = C
; OTHER INFORMATION: or T
; OTHER INFORMATION: or T
PCT-US99-13295-94

Query Match 30.0%; Score 3; DB 3; Length 7;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 8 YYY 10
Db 2 YY 4

RESULT 182
PCT-US99-13295-94/c
; Sequence 94, Application PC/TUS9913295
; GENERAL INFORMATION:
; APPLICANT: New England Biolabs, Inc.
; APPLICANT: Vaisvila, Romualdas
; APPLICANT: Morgan, Richard D.
; APPLICANT: Raleigh, Elisabeth
; TITLE OF INVENTION: Restriction Enzyme Gene Discovery Method
; FILE REFERENCE: Gene Discovery Method
; CURRENT APPLICATION NUMBER: PCT/US99/13295
; EARLIER FILING DATE: 1999-06-11
; EARLIER FILING DATE: 1998-06-12
; EARLIER APPLICATION NUMBER: 60/089,086
; EARLIER FILING DATE: 1998-06-12
; EARLIER APPLICATION NUMBER: 60/089,101
; NUMBER OF SEQ ID NOS: 130
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 94
; LENGTH: 7
; TYPE: DNA
; ORGANISM: Unknown
; FEATURE:
; OTHER INFORMATION: Description of Unknown Organism: Consensus
; OTHER INFORMATION: sequence
; OTHER INFORMATION: Position 1 - R = A or G; Position 2, 3 & 4 - Y = C
; OTHER INFORMATION: or T
; OTHER INFORMATION: or T
PCT-US99-13295-94

Query Match 30.0%; Score 3; DB 3; Length 7;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 RRR 3
Db 4 RRR 2

RESULT 183
US-09-701-626A-93
; Sequence 93, Application US/09701626A
; GENERAL INFORMATION:
; APPLICANT: Vaisvila, Romualdas
; APPLICANT: Morgan, Richard D.
; APPLICANT: Raleigh, Elisabeth
; TITLE OF INVENTION: Restriction Enzyme Gene Discovery Method
; FILE REFERENCE: NEB-165PUS
; CURRENT APPLICATION NUMBER: 60/089,101
; EARLIER FILING DATE: 1999-06-11
; EARLIER FILING DATE: 1998-06-12
; EARLIER APPLICATION NUMBER: 60/089,086
; EARLIER FILING DATE: 1998-06-12
; EARLIER APPLICATION NUMBER: 60/089,101
; NUMBER OF SEQ ID NOS: 130
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 93
; LENGTH: 7
; TYPE: DNA
; ORGANISM: Unknown
; FEATURE:
; OTHER INFORMATION: Description of Unknown Organism: Consensus
; OTHER INFORMATION: sequence
; OTHER INFORMATION: Position 1 - R = A or G; Position 2, 3 & 4 - Y = C
; OTHER INFORMATION: or T
; OTHER INFORMATION: or T
PCT-US99-13295-94

Query Match 30.0%; Score 3; DB 3; Length 7;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 RRR 3
Db 4 RRR 2

RESULT 184
US-09-701-626A-93/c
; Sequence 93, Application US/09701626A
; GENERAL INFORMATION:
; APPLICANT: Vaisvila, Romualdas
; APPLICANT: Morgan, Richard D.
; APPLICANT: Raleigh, Elisabeth
; TITLE OF INVENTION: Restriction Enzyme Gene Discovery Method
; FILE REFERENCE: NEB-165PUS
; CURRENT APPLICATION NUMBER: US/09/701,626A
; EARLIER FILING DATE: 2001-04-16
; EARLIER FILING DATE: 1998-06-12
; EARLIER FILING DATE: 1998-06-12
; EARLIER APPLICATION NUMBER: 60/089,101
; EARLIER FILING DATE: 1998-06-12
; EARLIER APPLICATION NUMBER: PCT/US99/13295
; NUMBER OF SEQ ID NOS: 130
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 93
; LENGTH: 7
; TYPE: DNA
; ORGANISM: Unknown
; FEATURE:
; OTHER INFORMATION: Description of Unknown Organism: Consensus
; OTHER INFORMATION: sequence
; OTHER INFORMATION: Position 4, 5 & 6 - R = A or G; Position 7 - Y = C
; OTHER INFORMATION: or T
; OTHER INFORMATION: or T
US-09-701-626A-93

Query Match 30.0%; Score 3; DB 31; Length 7;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 RRR 3
Db 4 RRR 6

RESULT 185
US-09-701-626A-94
; Sequence 94, Application US/09701626A
; GENERAL INFORMATION:

EARLIER APPLICATION NUMBER: US/09/701,626A
; CURRENT FILING DATE: 2001-04-16
; EARLIER FILING DATE: 1998-06-12
; PRIOR FILING DATE: 1998-06-12
; PRIOR APPLICATION NUMBER: 60/089,101
; PRIOR FILING DATE: 1998-06-12
; PRIOR APPLICATION NUMBER: PCT/US99/13295
; PRIOR FILING DATE: 1999-06-11
; NUMBER OF SEQ ID NOS: 130
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 93
; LENGTH: 7
; TYPE: DNA
; ORGANISM: Unknown
; FEATURE:
; OTHER INFORMATION: Description of Unknown Organism: Consensus
; OTHER INFORMATION: sequence
; OTHER INFORMATION: Position 4, 5 & 6 - R = A or G; Position 7 - Y = C
; OTHER INFORMATION: or T
; OTHER INFORMATION: or T
US-09-701-626A-93

Query Match 30.0%; Score 3; DB 31; Length 7;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 RRR 3
Db 4 RRR 6

RESULT 184
US-09-701-626A-93/c
; Sequence 93, Application US/09701626A
; GENERAL INFORMATION:
; APPLICANT: Vaisvila, Romualdas
; APPLICANT: Morgan, Richard D.
; APPLICANT: Raleigh, Elisabeth
; TITLE OF INVENTION: Restriction Enzyme Gene Discovery Method
; FILE REFERENCE: NEB-165PUS
; CURRENT APPLICATION NUMBER: US/09/701,626A
; EARLIER FILING DATE: 2001-04-16
; EARLIER FILING DATE: 1998-06-12
; EARLIER FILING DATE: 1998-06-12
; EARLIER APPLICATION NUMBER: 60/089,101
; EARLIER FILING DATE: 1998-06-12
; EARLIER APPLICATION NUMBER: PCT/US99/13295
; NUMBER OF SEQ ID NOS: 130
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 93
; LENGTH: 7
; TYPE: DNA
; ORGANISM: Unknown
; FEATURE:
; OTHER INFORMATION: Description of Unknown Organism: Consensus
; OTHER INFORMATION: sequence
; OTHER INFORMATION: Position 4, 5 & 6 - R = A or G; Position 7 - Y = C
; OTHER INFORMATION: or T
; OTHER INFORMATION: or T
US-09-701-626A-93

Query Match 30.0%; Score 3; DB 31; Length 7;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 8 YYY 10
Db 6 YYY 4

RESULT 185
US-09-701-626A-94
; Sequence 94, Application US/09701626A
; GENERAL INFORMATION:

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; APPLICANT: Vaisvila, Romualdas
; APPLICANT: Morgan, Richard D.
; APPLICANT: Raleigh, Elisabeth
; TITLE OF INVENTION: Restriction Enzyme Gene Discovery Method
; FILE REFERENCE: NEB-165PUS
; CURRENT FILING DATE: 2001-04-16
; PRIOR APPLICATION NUMBER: US/09/701,626A
; PRIOR FILING DATE: 1998-06-12
; PRIOR APPLICATION NUMBER: 60/089,086
; PRIOR FILING DATE: 1998-06-12
; PRIOR APPLICATION NUMBER: 60/089,101
; PRIOR FILING DATE: 1998-06-12
; PRIOR APPLICATION NUMBER: PCT/US99/13295
; PRIOR FILING DATE: 1999-06-11
; NUMBER OF SEQ ID NOS: 130
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 94
; LENGTH: 7
; TYPE: DNA
; ORGANISM: Unknown
; FEATURE:
; OTHER INFORMATION: Description of Unknown Organism: Consensus
; OTHER INFORMATION: sequence
; OTHER INFORMATION: Position 1 - R = A or G; Position 2, 3 & 4 - Y = C
; OTHER INFORMATION: or T
US-09-701-626A-94

Query Match      30.0%; Score 3; DB 31; Length 7;
Best Local Similarity 100.0%; Pred. No. 0;
Matches      3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      8 YYY 10
Db      2 YYY 4

RESULT 186
PCT-US09-701-626A-94/c
; Sequence 94, Application US/09701626A
; GENERAL INFORMATION:
; APPLICANT: Vaisvila, Romualdas
; APPLICANT: Morgan, Richard D.
; APPLICANT: Raleigh, Elisabeth
; TITLE OF INVENTION: Restriction Enzyme Gene Discovery Method
; FILE REFERENCE: NEB-165PUS
; CURRENT APPLICATION NUMBER: US/09/701,626A
; CURRENT FILING DATE: 2001-04-16
; PRIOR APPLICATION NUMBER: 60/089,086
; PRIOR FILING DATE: 1998-06-12
; PRIOR APPLICATION NUMBER: 60/089,101
; PRIOR FILING DATE: 1998-06-12
; PRIOR APPLICATION NUMBER: PCT/US99/13295
; PRIOR FILING DATE: 1999-06-11
; NUMBER OF SEQ ID NOS: 130
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 94
; LENGTH: 7
; TYPE: DNA
; ORGANISM: Unknown
; FEATURE:
; OTHER INFORMATION: Description of Unknown Organism: Consensus
; OTHER INFORMATION: sequence
; OTHER INFORMATION: Position 1 - R = A or G; Position 2, 3 & 4 - Y = C
; OTHER INFORMATION: or T
US-09-701-626A-94

```

```

Query Match      30.0%; Score 3; DB 31; Length 7;
Best Local Similarity 100.0%; Pred. No. 0;
Matches      3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      1 RRR 3
Db      4 RRR 2

```

```

RESULT 187
PCT-US00-18229-3
; Sequence 3, Application PC/TUS0018229
; GENERAL INFORMATION:
; APPLICANT: Raz, Eyal
; APPLICANT: Kobayashi, Hiroko
; TITLE OF INVENTION: Method for Enhancing an Immune Response
; FILE REFERENCE: 6510-189W01
; CURRENT APPLICATION NUMBER: PCT/US00/18229
; CURRENT FILING DATE: 2000-06-30
; PRIOR APPLICATION NUMBER: 09/347,343
; PRIOR FILING DATE: 1999-07-02
; NUMBER OF SEQ ID NOS: 40
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 3
; LENGTH: 8
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide
PCT-US00-18229-3

```

```

Query Match      30.0%; Score 3; DB 1; Length 8;
Best Local Similarity 100.0%; Pred. No. 0;
Matches      3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      2 RRC 4
Db      1 RRC 3

```

```

RESULT 188
PCT-US00-18229-3/c
; Sequence 3, Application PC/TUS0018229
; GENERAL INFORMATION:
; APPLICANT: Raz, Eyal
; APPLICANT: Kobayashi, Hiroko
; TITLE OF INVENTION: Method for Enhancing an Immune Response
; FILE REFERENCE: 6510-189W01
; CURRENT APPLICATION NUMBER: PCT/US00/18229
; CURRENT FILING DATE: 2000-06-30
; PRIOR APPLICATION NUMBER: 09/347,343
; PRIOR FILING DATE: 1999-07-02
; NUMBER OF SEQ ID NOS: 40
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 3
; LENGTH: 8
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide
PCT-US00-18229-3

```

```

Query Match      30.0%; Score 3; DB 1; Length 8;
Best Local Similarity 100.0%; Pred. No. 0;
Matches      3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      2 RRC 4
Db      6 RRC 4

```

```

RESULT 189
PCT-US00-18229-4
; Sequence 4, Application PC/TUS0018229
; GENERAL INFORMATION:
; APPLICANT: Raz, Eyal
; APPLICANT: Kobayashi, Hiroko
; TITLE OF INVENTION: Method for Enhancing an Immune Response
; FILE REFERENCE: 6510-189W01
; CURRENT APPLICATION NUMBER: PCT/US00/18229
; CURRENT FILING DATE: 2000-06-30

```


CLASSIFICATION:	435
PRIOR APPLICATION DATA:	
APPLICATION NUMBER:	
FILING DATE:	
ATTORNEY/AGENT INFORMATION:	
NAME: Benjamin Aaron Adler, Ph.D., J.D.	
REGISTRATION NUMBER: 35,423	
REFERENCE/DOCKET NUMBER: D5919	
TELECOMMUNICATION INFORMATION:	
TELEPHONE: (713) 777-2321	
TELEFAX: (713) 777-6908	
INFORMATION FOR SEQ ID NO: 8:	
SEQUENCE CHARACTERISTICS:	
LENGTH: 8 bp	
TYPE: nucleic acid	
STRANDEDNESS: double-stranded	
TOPOLOGY: linear	
MOLECULE TYPE:	
DESCRIPTION: other nucleic acid	
HYPOTHETICAL: no	
ANTI-SENSE: no	
FRAGMENT TYPE:	
ORIGINAL SOURCE:	
IMMEDIATE SOURCE:	
POSITION IN GENOME:	
FEATURE:	
NAME/KEY: EBP20 consensus sequence	
PUBLICATION INFORMATION:	
US-08-377-522C-8	
Query Match	30.0%; Score 3; DB 13; Length 8;
Best Local Similarity	100.0%; Pred. No. 0;
Matches	3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY	5 WWG 7
Db	6 WWG 8
RESULT 192	
US-08-377-522C-8/c	
Sequence 8, Application US/08377522C	
GENERAL INFORMATION:	
APPLICANT: Mountz et al.	
TITLE OF INVENTION: Human Fas Gene Promoter Region	
NUMBER OF SEQUENCES: 27	
CORRESPONDENCE ADDRESS:	
ADDRESSEE: Benjamin Aaron Adler, Ph.D., J.D.	
STREET: 8011 Candle Lane	
CITY: Houston	
STATE: TX	
ZIP: 77071	
COMPUTER READABLE FORM:	
MEDIUM TYPE: 3.5 inch floppy	
COMPUTER: Apple Macintosh	
OPERATING SYSTEM: Macintosh	
SOFTWARE: Microsoft Word for Macintosh	
CURRENT APPLICATION DATA:	
APPLICATION NUMBER: US/08/377,522C	
FILING DATE: January 20, 1995	
CLASSIFICATION: 435	
PRIOR APPLICATION DATA:	
APPLICATION NUMBER:	
FILING DATE:	
ATTORNEY/AGENT INFORMATION:	
NAME: Benjamin Aaron Adler, Ph.D., J.D.	
REGISTRATION NUMBER: 35,423	
REFERENCE/DOCKET NUMBER: D5919	
TELECOMMUNICATION INFORMATION:	
TELEPHONE: (713) 777-2321	
TELEFAX: (713) 777-6908	
INFORMATION FOR SEQ ID NO: 8:	
SEQUENCE CHARACTERISTICS:	
LENGTH: 8	
TYPE: DNA	
ORGANISM: Artificial Sequence	
FEATURE:	
OTHER INFORMATION: Synthetic oligonucleotide	
PCT-US00-18229-4	
Query Match	30.0%; Score 3; DB 1; Length 8;
Best Local Similarity	100.0%; Pred. No. 0;
Matches	3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY	7 GY 9
Db	4 GY 6
RESULT 190	
PCT-US00-18229-4/c	
Sequence 4, Application PC/TUS0018229	
GENERAL INFORMATION:	
APPLICANT: Raz, Eyal	
TITLE OF INVENTION: Method for Enhancing an Immune Response	
FILE REFERENCE: 6510-189W01	
CURRENT APPLICATION NUMBER: PCT/US00/18229	
CURRENT FILING DATE: 2000-06-30	
PRIOR APPLICATION NUMBER: 09/347,343	
PRIOR FILING DATE: 1999-07-02	
NUMBER OF SEQ ID NOS: 40	
SOFTWARE: PastSeq for Windows Version 4.0	
SEQ ID NO 4	
LENGTH: 8	
TYPE: DNA	
ORGANISM: Artificial Sequence	
FEATURE:	
OTHER INFORMATION: Synthetic oligonucleotide	
PCT-US00-18229-4	
Query Match	30.0%; Score 3; DB 1; Length 8;
Best Local Similarity	100.0%; Pred. No. 0;
Matches	3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY	2 RRC 4
Db	6 RRC 4
RESULT 191	
US-08-377-522C-8	
Sequence 8, Application US/08377522C	
GENERAL INFORMATION:	
APPLICANT: Mountz et al.	
TITLE OF INVENTION: Human Fas Gene Promoter Region	
NUMBER OF SEQUENCES: 27	
CORRESPONDENCE ADDRESS:	
ADDRESSEE: Benjamin Aaron Adler, Ph.D., J.D.	
STREET: 8011 Candle Lane	
CITY: Houston	
STATE: TX	
ZIP: 77071	
COMPUTER READABLE FORM:	
MEDIUM TYPE: 3.5 inch floppy	
COMPUTER: Apple Macintosh	
OPERATING SYSTEM: Macintosh	
SOFTWARE: Microsoft Word for Macintosh	
CURRENT APPLICATION DATA:	
APPLICATION NUMBER: US/08/377,522C	
FILING DATE: January 20, 1995	

CLASSIFICATION:	435
PRIOR APPLICATION DATA:	
APPLICATION NUMBER:	
FILING DATE:	
ATTORNEY/AGENT INFORMATION:	
NAME: Benjamin Aaron Adler, Ph.D., J.D.	
REGISTRATION NUMBER: 35,423	
REFERENCE/DOCKET NUMBER: D5919	
TELECOMMUNICATION INFORMATION:	
TELEPHONE: (713) 777-2321	
TELEFAX: (713) 777-6908	
INFORMATION FOR SEQ ID NO: 8:	
SEQUENCE CHARACTERISTICS:	
LENGTH: 8 bp	
TYPE: nucleic acid	
STRANDEDNESS: double-stranded	
TOPOLOGY: linear	
MOLECULE TYPE:	
DESCRIPTION: other nucleic acid	
HYPOTHETICAL: no	
ANTI-SENSE: no	
FRAGMENT TYPE:	
ORIGINAL SOURCE:	
IMMEDIATE SOURCE:	
POSITION IN GENOME:	
FEATURE:	
NAME/KEY: EBP20 consensus sequence	
PUBLICATION INFORMATION:	
US-08-377-522C-8	
Query Match	30.0%; Score 3; DB 13; Length 8;
Best Local Similarity	100.0%; Pred. No. 0;
Matches	3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY	5 WWG 7
Db	6 WWG 8
RESULT 192	
US-08-377-522C-8/c	
Sequence 8, Application US/08377522C	
GENERAL INFORMATION:	
APPLICANT: Mountz et al.	
TITLE OF INVENTION: Human Fas Gene Promoter Region	
NUMBER OF SEQUENCES: 27	
CORRESPONDENCE ADDRESS:	
ADDRESSEE: Benjamin Aaron Adler, Ph.D., J.D.	
STREET: 8011 Candle Lane	
CITY: Houston	
STATE: TX	
ZIP: 77071	
COMPUTER READABLE FORM:	
MEDIUM TYPE: 3.5 inch floppy	
COMPUTER: Apple Macintosh	
OPERATING SYSTEM: Macintosh	
SOFTWARE: Microsoft Word for Macintosh	
CURRENT APPLICATION DATA:	
APPLICATION NUMBER: US/08/377,522C	
FILING DATE: January 20, 1995	
CLASSIFICATION: 435	
PRIOR APPLICATION DATA:	
APPLICATION NUMBER:	
FILING DATE:	
ATTORNEY/AGENT INFORMATION:	
NAME: Benjamin Aaron Adler, Ph.D., J.D.	
REGISTRATION NUMBER: 35,423	
REFERENCE/DOCKET NUMBER: D5919	
TELECOMMUNICATION INFORMATION:	
TELEPHONE: (713) 777-2321	
TELEFAX: (713) 777-6908	
INFORMATION FOR SEQ ID NO: 8:	
SEQUENCE CHARACTERISTICS:	
LENGTH: 8	
TYPE: DNA	
ORGANISM: Artificial Sequence	
FEATURE:	
OTHER INFORMATION: Synthetic oligonucleotide	
PCT-US00-18229-4	
Query Match	30.0%; Score 3; DB 1; Length 8;
Best Local Similarity	100.0%; Pred. No. 0;
Matches	3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY	7 GY 9
Db	4 GY 6
RESULT 190	
PCT-US00-18229-4/c	
Sequence 4, Application PC/TUS0018229	
GENERAL INFORMATION:	
APPLICANT: Raz, Eyal	
TITLE OF INVENTION: Method for Enhancing an Immune Response	
FILE REFERENCE: 6510-189W01	
CURRENT APPLICATION NUMBER: PCT/US00/18229	
CURRENT FILING DATE: 2000-06-30	
PRIOR APPLICATION NUMBER: 09/347,343	
PRIOR FILING DATE: 1999-07-02	
NUMBER OF SEQ ID NOS: 40	
SOFTWARE: PastSeq for Windows Version 4.0	
SEQ ID NO 4	
LENGTH: 8	
TYPE: DNA	
ORGANISM: Artificial Sequence	
FEATURE:	
OTHER INFORMATION: Synthetic oligonucleotide	
PCT-US00-18229-4	
Query Match	30.0%; Score 3; DB 1; Length 8;
Best Local Similarity	100.0%; Pred. No. 0;
Matches	3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY	2 RRC 4
Db	6 RRC 4
RESULT 191	
US-08-377-522C-8	
Sequence 8, Application US/08377522C	
GENERAL INFORMATION:	
APPLICANT: Mountz et al.	
TITLE OF INVENTION: Human Fas Gene Promoter Region	
NUMBER OF SEQUENCES: 27	
CORRESPONDENCE ADDRESS:	
ADDRESSEE: Benjamin Aaron Adler, Ph.D., J.D.	
STREET: 8011 Candle Lane	
CITY: Houston	
STATE: TX	
ZIP: 77071	
COMPUTER READABLE FORM:	
MEDIUM TYPE: 3.5 inch floppy	
COMPUTER: Apple Macintosh	
OPERATING SYSTEM: Macintosh	
SOFTWARE: Microsoft Word for Macintosh	
CURRENT APPLICATION DATA:	
APPLICATION NUMBER: US/08/377,522C	
FILING DATE: January 20, 1995	

CLASSIFICATION:	435
PRIOR APPLICATION DATA:	
APPLICATION NUMBER:	
FILING DATE:	
ATTORNEY/AGENT INFORMATION:	
NAME: Benjamin Aaron Adler, Ph.D., J.D.	
REGISTRATION NUMBER: 35,423	
REFERENCE/DOCKET NUMBER: D5919	
TELECOMMUNICATION INFORMATION:	
TELEPHONE: (713) 777-2321	
TELEFAX: (713) 777-6908	
INFORMATION FOR SEQ ID NO: 8:	
SEQUENCE CHARACTERISTICS:	
LENGTH: 8 bp	
TYPE: nucleic acid	
STRANDEDNESS: double-stranded	
TOPOLOGY: linear	
MOLECULE TYPE:	
DESCRIPTION: other nucleic acid	
HYPOTHETICAL: no	
ANTI-SENSE: no	
FRAGMENT TYPE:	
ORIGINAL SOURCE:	
IMMEDIATE SOURCE:	
POSITION IN GENOME:	
FEATURE:	
NAME/KEY: EBP20 consensus sequence	
PUBLICATION INFORMATION:	
US-08-377-522C-8	
Query Match	30.0%; Score 3; DB 13; Length 8;
Best Local Similarity	100.0%; Pred. No. 0;
Matches	3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY	5 WWG 7
Db	6 WWG 8
RESULT 192	
US-08-377-522C-8/c	
Sequence 8, Application US/08377522C	
GENERAL INFORMATION:	
APPLICANT: Mountz et al.	
TITLE OF INVENTION: Human Fas Gene Promoter Region	
NUMBER OF SEQUENCES: 27	
CORRESPONDENCE ADDRESS:	
ADDRESSEE: Benjamin Aaron Adler, Ph.D., J.D.	
STREET: 8011 Candle Lane	
CITY: Houston	
STATE: TX	
ZIP: 77071	
COMPUTER READABLE FORM:	
MEDIUM TYPE: 3.5 inch floppy	
COMPUTER: Apple Macintosh	
OPERATING SYSTEM: Macintosh	
SOFTWARE: Microsoft Word for Macintosh	
CURRENT APPLICATION DATA:	
APPLICATION NUMBER: US/08/377,522C	
FILING DATE: January 20, 1995	
CLASSIFICATION: 435	
PRIOR APPLICATION DATA:	
APPLICATION NUMBER:	
FILING DATE:	
ATTORNEY/AGENT INFORMATION:	
NAME: Benjamin Aaron Adler, Ph.D., J.D.	
REGISTRATION NUMBER: 35,423	
REFERENCE/DOCKET NUMBER: D5919	
TELECOMMUNICATION INFORMATION:	
TELEPHONE: (713) 777-2321	
TELEFAX: (713) 777-6908	
INFORMATION FOR SEQ ID NO: 8:	
SEQUENCE CHARACTERISTICS:	
LENGTH: 8	
TYPE: DNA	
ORGANISM: Artificial Sequence	
FEATURE:	
OTHER INFORMATION: Synthetic oligonucleotide	
PCT-US00-18229-4	
Query Match	30.0%; Score 3; DB 1; Length 8;
Best Local Similarity	100.0%; Pred. No. 0;
Matches	3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY	7 GY 9
Db	4 GY 6
RESULT 190	
PCT-US00-18229-4/c	
Sequence 4, Application PC/TUS0018229	
GENERAL INFORMATION:	
APPLICANT: Raz, Eyal	
TITLE OF INVENTION: Method for Enhancing an Immune Response	
FILE REFERENCE: 6510-189W01	
CURRENT APPLICATION NUMBER: PCT/US00/18229	
CURRENT FILING DATE: 2000-06-30	
PRIOR APPLICATION NUMBER: 09/347,343	
PRIOR FILING DATE: 1999-07-02	
NUMBER OF SEQ ID NOS: 40	
SOFTWARE: PastSeq for Windows Version 4.0	
SEQ ID NO 4	
LENGTH: 8	
TYPE: DNA	
ORGANISM: Artificial Sequence	
FEATURE:	
OTHER INFORMATION: Synthetic oligonucleotide	
PCT-US00-18229-4	
Query Match	30.0%; Score 3; DB 1; Length 8;
Best Local Similarity	100.0%; Pred. No. 0;
Matches	3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY	2 RRC 4
Db	6 RRC 4
RESULT 191	
US-08-377-522C-8	
Sequence 8, Application US/08377522C	
GENERAL INFORMATION:	
APPLICANT: Mountz et al.	
TITLE OF INVENTION: Human Fas Gene Promoter Region	
NUMBER OF SEQUENCES: 27	
CORRESPONDENCE ADDRESS:	
ADDRESSEE: Benjamin Aaron Adler, Ph.D., J.D.	
STREET: 8011 Candle Lane	
CITY: Houston	
STATE: TX	
ZIP: 77071	
COMPUTER READABLE FORM:	
MEDIUM TYPE: 3.5 inch floppy	
COMPUTER: Apple Macintosh	
OPERATING SYSTEM: Macintosh	
SOFTWARE: Microsoft Word for Macintosh	
CURRENT APPLICATION DATA:	
APPLICATION NUMBER: US/08/377,522C	
FILING DATE: January 20, 1995	

```
; LENGTH: 8 bp
; TYPE: nucleic acid
; STRANDEDNESS: double-stranded
; TOPOLOGY: linear
; MOLECULE TYPE:
; DESCRIPTION: other nucleic acid
; HYPOTHETICAL: no
; ANTI-SENSE: no
; FRAGMENT TYPE:
; ORIGINAL SOURCE:
; IMMEDIATE SOURCE:
; POSITION IN GENOME:
; FEATURE:
; NAME/KEY: EBP20 consensus sequence
; PUBLICATION INFORMATION:
US-08-377-522C-8

Query Match          30.0%; Score 3; DB 13; Length 8;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 4 CW 6
Db 8 CW 6

RESULT 193
US-08-377-522D-8
; Sequence 8, Application US/08377522D
; GENERAL INFORMATION:
; APPLICANT: Mounitz et al.
; TITLE OF INVENTION: Human Fas Gene Promoter Region
; NUMBER OF SEQUENCES: 27
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Benjamin Aaron Adler, Ph.D., J.D.
; STREET: 8011 Candle Lane
; CITY: Houston
; STATE: TX
; ZIP: 77071
; COUNTRY: USA
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5 inch floppy
; COMPUTER: Apple Macintosh
; OPERATING SYSTEM: Macintosh
; SOFTWARE: Microsoft Word for Macintosh
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/377,522D
; FILING DATE: January 20, 1995
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Benjamin Aaron Adler, Ph.D., J.D.
; REGISTRATION NUMBER: 35,423
; REFERENCE/DOCKET NUMBER: D5919
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (713) 777-2321
; TELEFAX: (713) 777-6908
; INFORMATION FOR SEQ ID NO: 8:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 8 bp
; TYPE: nucleic acid
; STRANDEDNESS: double-stranded
; TOPOLOGY: linear
; MOLECULE TYPE:
; DESCRIPTION: other nucleic acid
; HYPOTHETICAL: no
; ANTI-SENSE: no
; FRAGMENT TYPE:
; ORIGINAL SOURCE:
; IMMEDIATE SOURCE:
; POSITION IN GENOME:
; FEATURE:
; NAME/KEY: EBP20 consensus sequence
; PUBLICATION INFORMATION:
US-08-377-522D-8

Query Match          30.0%; Score 3; DB 13; Length 8;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 4 CW 6
Db 8 CW 6
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; FEATURE:
; NAME/KEY: EBP20 consensus sequence
; PUBLICATION INFORMATION:
US-08-377-522D-8

Query Match          30.0%; Score 3; DB 13; Length 8;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 5 WW 7
Db 6 WW 8

RESULT 194
US-08-377-522D-8/c
; Sequence 8, Application US/08377522D
; GENERAL INFORMATION:
; APPLICANT: Mounitz et al.
; TITLE OF INVENTION: Human Fas Gene Promoter Region
; NUMBER OF SEQUENCES: 27
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Benjamin Aaron Adler, Ph.D., J.D.
; STREET: 8011 Candle Lane
; CITY: Houston
; STATE: TX
; ZIP: 77071
; COUNTRY: USA
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5 inch floppy
; COMPUTER: Apple Macintosh
; OPERATING SYSTEM: Macintosh
; SOFTWARE: Microsoft Word for Macintosh
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/377,522D
; FILING DATE: January 20, 1995
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Benjamin Aaron Adler, Ph.D., J.D.
; REGISTRATION NUMBER: 35,423
; REFERENCE/DOCKET NUMBER: D5919
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (713) 777-2321
; TELEFAX: (713) 777-6908
; INFORMATION FOR SEQ ID NO: 8:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 8 bp
; TYPE: nucleic acid
; STRANDEDNESS: double-stranded
; TOPOLOGY: linear
; MOLECULE TYPE:
; DESCRIPTION: other nucleic acid
; HYPOTHETICAL: no
; ANTI-SENSE: no
; FRAGMENT TYPE:
; ORIGINAL SOURCE:
; IMMEDIATE SOURCE:
; POSITION IN GENOME:
; FEATURE:
; NAME/KEY: EBP20 consensus sequence
; PUBLICATION INFORMATION:
US-08-377-522D-8

Query Match          30.0%; Score 3; DB 13; Length 8;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 4 CW 6
Db 8 CW 6
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RESULT 195
US-09-020-179-56
; Sequence 56, Application US/09020179
; GENERAL INFORMATION:
; APPLICANT: Linnik, Matthew D
; APPLICANT: Rakke, Margaret M
; APPLICANT: Krakowsky, Joan M
; APPLICANT: Subramaniam, Arun
; TITLE OF INVENTION: Human Nerve Growth Factor Exon 1 and
; TITLE OF INVENTION: Exon 3 Promoters
; NUMBER OF SEQUENCES: 84
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Hoechst Marion Roussel, Inc.
; STREET: 2110 East Galbraith Road, P.O. Box 156300
; CITY: Cincinnati
; STATE: Ohio
; COUNTRY: United States of America
; ZIP: 45215-6300
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/020,179
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 60/038,212
; FILING DATE: 06-FEB-1997
; ATTORNEY/AGENT INFORMATION:
; NAME: Payne, T. Helen
; REGISTRATION NUMBER: 36,889
; REFERENCE/DOCKET NUMBER: HMR2002A
; TELEPHONE: 513 948-7183
; TELEFAX: 513 948-7961/4681
; TELEX: 214320
; INFORMATION FOR SEQ ID NO: 56:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 8 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: double
; TOPOLOGY: unknown
; MOLECULE TYPE: DNA (genomic)
; US-09-020-179-56
; Query Match 30.0%; Score 3; DB 20; Length 8;
; Best Local Similarity 100.0%; Pred. No. 0;
; Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 5 WWG 7
Db 6 WWG 8
RESULT 196
US-09-020-179-56/c
; Sequence 56, Application US/09020179
; GENERAL INFORMATION:
; APPLICANT: Linnik, Matthew D
; APPLICANT: Rakke, Margaret M
; APPLICANT: Krakowsky, Joan M
; APPLICANT: Subramaniam, Arun
; TITLE OF INVENTION: Human Nerve Growth Factor Exon 1 and
; TITLE OF INVENTION: Exon 3 Promoters
; NUMBER OF SEQUENCES: 84
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Hoechst Marion Roussel, Inc.
; STREET: 2110 East Galbraith Road, P.O. Box 156300
; CITY: Cincinnati

STATE: Ohio
COUNTRY: United States of America
ZIP: 45215-6300
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/020,179
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 60/038,212
FILING DATE: 06-FEB-1997
ATTORNEY/AGENT INFORMATION:
NAME: Payne, T. Helen
REGISTRATION NUMBER: 36,889
REFERENCE/DOCKET NUMBER: HMR2002A
TELECOMMUNICATION INFORMATION:
TELEPHONE: 513 948-7183
TELEFAX: 513 948-7961/4681
TELEX: 214320
INFORMATION FOR SEQ ID NO: 56:
SEQUENCE CHARACTERISTICS:
LENGTH: 8 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
TOPOLOGY: unknown
MOLECULE TYPE: DNA (genomic)
US-09-020-179-56
Query Match 30.0%; Score 3; DB 20; Length 8;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 4 CW 6
Db 8 CW 6
RESULT 197
US-09-326-885-56
; Sequence 56, Application US/09326885
; GENERAL INFORMATION:
; APPLICANT: Linnik, Matthew D
; APPLICANT: Rakke, Margaret M
; APPLICANT: Krakowsky, Joan M
; APPLICANT: Subramaniam, Arun
; TITLE OF INVENTION: Human Nerve Growth Factor Exon 1 and
; TITLE OF INVENTION: Exon 3 Promoters
; NUMBER OF SEQUENCES: 84
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Hoechst Marion Roussel, Inc.
; STREET: 2110 East Galbraith Road, P.O. Box 156300
; CITY: Cincinnati
; STATE: Ohio
; COUNTRY: United States of America
; ZIP: 45215-6300
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/326,885
; FILING DATE: 07-Jun-1999
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/09/020,179
; FILING DATE: <Unknown>
; APPLICATION NUMBER: US 60/038,212
; FILING DATE: 06-FEB-1997

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;
; ATTORNEY/AGENT INFORMATION:
; NAME: Payne, T. Helen
; REGISTRATION NUMBER: 36,889
; REFERENCE/DOCKET NUMBER: HMR2002A
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 513 948-7183
; TELEFAX: 513 948-7961/4681
; TELEX: 214320
; INFORMATION FOR SEQ ID NO: 56:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 8 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: double
; TOPOLOGY: unknown
; MOLECULE TYPE: DNA (genomic)
; SEQUENCE DESCRIPTION: SEQ ID NO: 56:
US-09-326-885-56

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Best Local Similarity 100.0%; Pred.No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 5 WWG 7
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Db 6 WWG 8

RESULT 198
US-09-326-885-56/c
; Sequence 56, Application US/09326885
; GENERAL INFORMATION:
; APPLICANT: Linnik, Matthew D
; Racke, Margaret M
; Krakowsky, Joan M
; Subramaniam, Arun
; TITLE OF INVENTION: Human Nerve Growth Factor Exon 1 and
; Exon 3 Promoters
; NUMBER OF SEQUENCES: 84
; CORRESPONDENCE ADDRESSES:
; ADDRESSEE: Hoechst Marion Roussel, Inc.
; STREET: 2110 East Galbraith Road, P.O. Box 156300
; CITY: Cincinnati
; STATE: Ohio
; COUNTRY: United States of America
; ZIP: 45215-6300
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/326,885
; FILING DATE: 07-Jun-1999
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/09/020,179
; FILING DATE: <Unknown>
; APPLICATION NUMBER: US 60/038,212
; FILING DATE: 06-FEB-1997
; ATTORNEY/AGENT INFORMATION:
; NAME: Payne, T. Helen
; REGISTRATION NUMBER: 36,889
; REFERENCE/DOCKET NUMBER: HMR2002A
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 513 948-7183
; TELEFAX: 513 948-7961/4681
; TELEX: 214320
; INFORMATION FOR SEQ ID NO: 56:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 8 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: double
; TOPOLOGY: unknown
;
; MOLECULE TYPE: DNA (genomic)
; SEQUENCE DESCRIPTION: SEQ ID NO: 56:
US-09-326-885-56

Query Match          30.0%; Score 3; DB 23; Length 8;
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Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 5 WWG 7
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Db 6 WWG 8

RESULT 199
US-09-470-382-3
; Sequence 3, Application US/09470382
; GENERAL INFORMATION:
; APPLICANT: Eval R. Raz
; APPLICANT: M. Teresa Magone
; TITLE OF INVENTION: METHOD FOR AMELIORATING AN ALLERGIC
; TITLE OF INVENTION: REACTION
; FILE REFERENCE: 30448.73US01
; CURRENT APPLICATION NUMBER: US/09/470,382
; CURRENT FILING DATE: 1999-12-21
; NUMBER OF SEQ ID NOS: 70
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 3
; LENGTH: 8
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Oligonucleotide
US-09-470-382-3

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Best Local Similarity 100.0%; Pred.No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2 RRC 4
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Db 1 RRC 3

RESULT 200
US-09-470-382-3/c
; Sequence 3, Application US/09470382
; GENERAL INFORMATION:
; APPLICANT: Eval R. Raz
; APPLICANT: M. Teresa Magone
; TITLE OF INVENTION: METHOD FOR AMELIORATING AN ALLERGIC
; TITLE OF INVENTION: REACTION
; FILE REFERENCE: 30448.73US01
; CURRENT APPLICATION NUMBER: US/09/470,382
; CURRENT FILING DATE: 1999-12-21
; NUMBER OF SEQ ID NOS: 70
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 3
; LENGTH: 8
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Oligonucleotide
US-09-470-382-3

Query Match          30.0%; Score 3; DB 24; Length 8;
Best Local Similarity 100.0%; Pred.No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2 RRC 4
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Db 6 RRC 4
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Search completed: January 31, 2006, 03:45:45
Job time : 3441 secs

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GenCore version 5.1.7
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OM nucleic - nucleic search, using sw model

Run on: January 31, 2006, 02:16:59 ; Search time 772 Seconds
(without alignments)
23.797 Million cell updates

Title: US-09-813-824B-3
Perfect score: 10
Sequence: 1 rrrcwwgyy 10

Scoring table: OLIGO_NUC
Gapop_60.0 , Gapext 60.0

Searched: 3426968 seqs, 918567817 residues

Word size :

Total number of hits satisfying chosen parameters: 4988124

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Minimum DB seq length: 0
Maximum DB seq length: 100
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Post-processing: Listing first 1000 summaries

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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

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4	10	100.0	42	11	US-11-038-285A-13
5	3	30.0	6	1	PCT-US05-39975-98
6	3	30.0	6	1	PCT-US05-39975-98
7	3	30.0	10	5	US-09-807-949C-23
8	3	30.0	10	5	US-09-807-949C-23
9	3	30.0	10	5	US-09-967-237B-23
10	3	30.0	10	5	US-09-967-237B-23
11	3	30.0	10	6	US-10-290-327B-16
12	3	30.0	10	6	US-10-290-327B-16
13	3	30.0	10	6	US-10-319-003C-23
14	3	30.0	10	6	US-10-319-003C-23
15	3	30.0	10	7	US-10-290-327B-16
16	3	30.0	10	7	US-10-290-327B-16
17	3	30.0	10	7	US-10-319-003C-23
18	3	30.0	10	7	US-10-319-003C-23
19	3	30.0	15	9	US-11-325-270-31
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21	3	30.0	17	9	US-11-325-270-32

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96	2	20.0	11	6	US-10-562-408-85	Sequence 85, Appl	c 169	2	20.0	18	5	US-09-755-320-6	Sequence 6, Appl
97	2	20.0	11	7	US-10-562-408-2	Sequence 2, Appl	c 170	2	20.0	18	5	US-09-755-320-6	Sequence 6, Appl
98	2	20.0	11	7	US-10-562-408-2	Sequence 2, Appl	c 171	2	20.0	18	6	US-10-562-196-60	Sequence 60, Appl
99	2	20.0	11	7	US-10-562-408-60	Sequence 60, Appl	c 172	2	20.0	18	6	US-10-562-196-60	Sequence 60, Appl
100	2	20.0	11	7	US-10-562-408-60	Sequence 60, Appl	c 173	2	20.0	18	7	US-10-562-196-60	Sequence 60, Appl
101	2	20.0	11	7	US-10-562-408-85	Sequence 85, Appl	c 174	2	20.0	18	7	US-10-562-196-60	Sequence 60, Appl
102	2	20.0	11	7	US-10-562-408-85	Sequence 85, Appl	c 175	2	20.0	18	11	US-11-204-854-8	Sequence 8, Appl
103	2	20.0	12	6	US-10-562-408-86	Sequence 86, Appl	c 176	2	20.0	18	11	US-11-204-854-8	Sequence 8, Appl
104	2	20.0	12	6	US-10-562-408-86	Sequence 86, Appl	c 177	2	20.0	18	11	US-11-036-272-21	Sequence 21, Appl
105	2	20.0	12	6	US-10-562-408-86	Sequence 86, Appl	c 178	2	20.0	18	11	US-11-036-272-21	Sequence 21, Appl
106	2	20.0	12	7	US-10-562-408-86	Sequence 86, Appl	c 179	2	20.0	18	11	US-11-198-765-57	Sequence 57, Appl
107	2	20.0	13	5	US-09-830-972A-34	Sequence 34, Appl	c 180	2	20.0	18	11	US-11-198-765-57	Sequence 57, Appl
108	2	20.0	13	5	US-09-830-972A-34	Sequence 34, Appl	c 181	2	20.0	18	11	US-11-315-730-7	Sequence 7, Appl
109	2	20.0	13	6	US-10-562-408-87	Sequence 87, Appl	c 182	2	20.0	18	11	US-11-315-730-7	Sequence 7, Appl
110	2	20.0	13	6	US-10-562-408-87	Sequence 87, Appl	c 183	2	20.0	18	11	US-11-317-601-25	Sequence 25, Appl
111	2	20.0	13	6	US-10-562-408-87	Sequence 87, Appl	c 184	2	20.0	18	11	US-11-317-601-25	Sequence 25, Appl
112	2	20.0	13	6	US-10-562-408-98	Sequence 98, Appl	c 185	2	20.0	19	1	PCT-US05-35549-72	Sequence 72, Appl
113	2	20.0	13	6	US-10-562-408-98	Sequence 98, Appl	c 186	2	20.0	19	1	PCT-US05-35549-72	Sequence 72, Appl
114	2	20.0	13	6	US-10-562-408-108	Sequence 108, App	c 187	2	20.0	19	6	US-10-562-196-43	Sequence 43, Appl
115	2	20.0	13	7	US-10-562-408-87	Sequence 87, Appl	c 188	2	20.0	19	6	US-10-562-196-43	Sequence 43, Appl
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118	2	20.0	13	7	US-10-562-408-98	Sequence 98, Appl	c 191	2	20.0	19	11	US-11-287-158-4	Sequence 4, Appl
119	2	20.0	13	7	US-10-562-408-108	Sequence 108, App	c 192	2	20.0	19	11	US-11-287-158-4	Sequence 4, Appl
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121	2	20.0	15	9	US-11-331-856-4	Sequence 4, Appl	c 194	2	20.0	19	11	US-11-241-871-72	Sequence 72, Appl
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125	2	20.0	15	11	US-11-220-408-120	Sequence 120, App	c 198	2	20.0	19	11	US-11-318-240-3	Sequence 3, Appl
126	2	20.0	15	11	US-11-220-408-120	Sequence 120, App	c 199	2	20.0	19	11	US-11-318-240-3	Sequence 3, Appl
127	2	20.0	16	11	US-11-301-924-28	Sequence 28, App	c 200	2	20.0	19	11	US-11-318-240-5	Sequence 5, Appl
128	2	20.0	16	11	US-11-301-924-28	Sequence 28, App	c 201	2	20.0	19	11	US-11-318-240-5	Sequence 5, Appl
129	2	20.0	17	1	PCT-US05-46724-11	Sequence 11, Appl	c 202	2	20.0	19	11	US-11-318-240-14	Sequence 14, Appl
130	2	20.0	17	1	PCT-US05-46724-11	Sequence 11, Appl	c 203	2	20.0	19	11	US-11-318-240-14	Sequence 14, Appl
131	2	20.0	17	5	US-09-965-703A-76	Sequence 76, Appl	c 204	2	20.0	19	11	US-11-318-240-24	Sequence 24, Appl
132	2	20.0	17	5	US-09-965-703A-76	Sequence 76, Appl	c 205	2	20.0	20	1	PCT-US05-29618-13	Sequence 13, Appl
133	2	20.0	17	5	US-09-965-697A-17	Sequence 17, Appl	c 206	2	20.0	20	1	PCT-US05-29618-13	Sequence 13, Appl
134	2	20.0	17	5	US-09-965-697A-17	Sequence 17, Appl	c 207	2	20.0	20	1	PCT-US05-35549-20	Sequence 20, Appl
135	2	20.0	17	6	US-10-250-821A-66	Sequence 66, Appl	c 208	2	20.0	20	1	PCT-US05-35549-20	Sequence 20, Appl
136	2	20.0	17	6	US-10-250-821A-66	Sequence 66, Appl	c 209	2	20.0	20	6	US-10-340-813A-17	Sequence 17, Appl
137	2	20.0	17	6	US-10-250-821A-67	Sequence 67, Appl	c 210	2	20.0	20	6	US-10-340-813A-17	Sequence 17, Appl
138	2	20.0	17	6	US-10-250-821A-67	Sequence 67, Appl	c 211	2	20.0	20	6	US-10-340-778A-17	Sequence 17, Appl
139	2	20.0	17	6	US-10-250-821A-68	Sequence 68, Appl	c 212	2	20.0	20	6	US-10-340-778A-17	Sequence 17, Appl
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143	2	20.0	17	6	US-10-250-821A-73	Sequence 73, Appl	c 216	2	20.0	20	6	US-10-556-904-66	Sequence 66, Appl
144	2	20.0	17	6	US-10-250-821A-73	Sequence 73, Appl	c 217	2	20.0	20	6	US-10-556-904-68	Sequence 68, Appl
145	2	20.0	17	6	US-10-250-821A-80	Sequence 80, Appl	c 218	2	20.0	20	6	US-10-556-904-68	Sequence 68, Appl
146	2	20.0	17	6	US-10-250-821A-80	Sequence 80, Appl	c 219	2	20.0	20	6	US-10-556-904-75	Sequence 75, Appl
147	2	20.0	17	6	US-10-250-821A-81	Sequence 81, Appl	c 220	2	20.0	20	6	US-10-556-904-75	Sequence 75, Appl
148	2	20.0	17	6	US-10-250-821A-81	Sequence 81, Appl	c 221	2	20.0	20	6	US-10-556-904-79	Sequence 79, Appl
149	2	20.0	17	6	US-10-250-821A-82	Sequence 82, Appl	c 222	2	20.0	20	6	US-10-556-904-79	Sequence 79, Appl
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154	2	20.0	17	9	US-11-257-062-53	Sequence 53, Appl	c 227	2	20.0	20	6	US-10-250-821A-83	Sequence 83, Appl
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156	2	20.0	17	11	US-11-145-005A-66	Sequence 66, Appl	c 229	2	20.0	20	6	US-10-250-821A-84	Sequence 84, Appl
157	2	20.0	17	11	US-11-315-730-11	Sequence 11, Appl	c 230	2	20.0	20	6	US-10-250-821A-84	Sequence 84, Appl
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167	2	20.0	18	1	PCT-US05-46724-7	Sequence 7, Appl	c 240	2	20.0	20	7	US-10-556-904-66	Sequence 66, Appl

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c 246	2	20.0	20	7	US-10-556-904-79	Sequence 79, Appl	c 319	2	20.0	21	12	US-60-732-162-1886	Sequence 1886, Ap
c 247	2	20.0	20	7	US-10-503-621-7	Sequence 7, Appl	c 320	2	20.0	21	12	US-60-732-162-1886	Sequence 1886, Ap
c 248	2	20.0	20	7	US-10-503-621-7	Sequence 7, Appl	c 321	2	20.0	21	12	US-60-732-162-1891	Sequence 1891, Ap
c 249	2	20.0	20	7	US-10-511-436A-97	Sequence 97, Appl	c 322	2	20.0	21	12	US-60-732-162-1891	Sequence 1891, Ap
c 250	2	20.0	20	7	US-10-511-436A-97	Sequence 97, Appl	c 323	2	20.0	21	12	US-60-732-162-1898	Sequence 1898, Ap
c 251	2	20.0	20	9	US-11-330-363-45	Sequence 45, Appl	c 324	2	20.0	21	12	US-60-732-162-1898	Sequence 1898, Ap
c 252	2	20.0	20	9	US-11-330-363-45	Sequence 45, Appl	c 325	2	20.0	21	12	US-60-732-162-1901	Sequence 1901, Ap
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c 255	2	20.0	20	11	US-11-273-617-14	Sequence 14, Appl	c 328	2	20.0	21	12	US-60-732-162-1909	Sequence 1909, Ap
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c 257	2	20.0	20	11	US-11-122-396-38	Sequence 38, Appl	c 330	2	20.0	21	12	US-60-732-162-1917	Sequence 1917, Ap
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c 260	2	20.0	20	11	US-11-289-857-1	Sequence 1, Appl	c 333	2	20.0	21	12	US-60-732-162-1921	Sequence 1921, Ap
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c 262	2	20.0	20	11	US-11-268-342-3	Sequence 3, Appl	c 335	2	20.0	21	12	US-60-732-162-1925	Sequence 1925, Ap
c 263	2	20.0	20	11	US-11-293-392-17	Sequence 17, Appl	c 336	2	20.0	21	12	US-60-732-162-1925	Sequence 1925, Ap
c 264	2	20.0	20	11	US-11-293-392-17	Sequence 17, Appl	c 337	2	20.0	21	12	US-60-732-162-1927	Sequence 1927, Ap
c 265	2	20.0	20	11	US-11-241-871-20	Sequence 20, Appl	c 338	2	20.0	21	12	US-60-732-162-1927	Sequence 1927, Ap
c 266	2	20.0	20	11	US-11-241-871-20	Sequence 20, Appl	c 339	2	20.0	21	12	US-60-732-162-1929	Sequence 1929, Ap
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c 275	2	20.0	21	6	US-10-559-441-54	Sequence 54, Appl	c 348	2	20.0	21	12	US-60-732-162-1952	Sequence 1952, Ap
c 276	2	20.0	21	6	US-10-559-441-54	Sequence 54, Appl	c 349	2	20.0	21	12	US-60-732-162-1956	Sequence 1956, Ap
c 277	2	20.0	21	6	US-10-516-314-3	Sequence 3, Appl	c 350	2	20.0	21	12	US-60-732-162-1959	Sequence 1959, Ap
c 278	2	20.0	21	6	US-10-516-314-3	Sequence 3, Appl	c 351	2	20.0	21	12	US-60-732-162-1959	Sequence 1959, Ap
c 279	2	20.0	21	6	US-10-511-436A-106	Sequence 106, App	c 352	2	20.0	21	12	US-60-732-162-1969	Sequence 1969, Ap
c 280	2	20.0	21	6	US-10-511-436A-106	Sequence 106, App	c 353	2	20.0	21	12	US-60-732-162-1969	Sequence 1969, Ap
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c 282	2	20.0	21	6	US-10-563-270-11	Sequence 11, Appl	c 355	2	20.0	21	12	US-60-732-162-1972	Sequence 1972, Ap
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c 287	2	20.0	21	7	US-10-516-314-3	Sequence 3, Appl	c 360	2	20.0	21	12	US-60-732-162-1981	Sequence 1981, Ap
c 288	2	20.0	21	7	US-10-516-314-3	Sequence 3, Appl	c 361	2	20.0	21	12	US-60-732-162-1993	Sequence 1993, Ap
c 289	2	20.0	21	7	US-10-511-436A-106	Sequence 106, App	c 362	2	20.0	21	12	US-60-732-162-2007	Sequence 2007, Ap
c 290	2	20.0	21	7	US-10-511-436A-106	Sequence 106, App	c 363	2	20.0	21	12	US-60-732-162-2007	Sequence 2007, Ap
c 291	2	20.0	21	11	US-11-274-683-53	Sequence 53, Appl	c 364	2	20.0	21	12	US-60-732-162-2011	Sequence 2011, Ap
c 292	2	20.0	21	11	US-11-274-683-53	Sequence 53, Appl	c 365	2	20.0	21	12	US-60-732-162-2011	Sequence 2011, Ap
c 293	2	20.0	21	11	US-11-285-025-5	Sequence 5, Appl	c 366	2	20.0	21	12	US-60-732-162-2017	Sequence 2017, Ap
c 294	2	20.0	21	11	US-11-285-025-5	Sequence 5, Appl	c 367	2	20.0	21	12	US-60-732-162-2017	Sequence 2017, Ap
c 295	2	20.0	21	11	US-11-036-272-30	Sequence 30, Appl	c 368	2	20.0	21	12	US-60-732-162-2039	Sequence 2039, Ap
c 296	2	20.0	21	11	US-11-036-272-30	Sequence 30, Appl	c 369	2	20.0	21	12	US-60-732-162-2039	Sequence 2039, Ap
c 297	2	20.0	21	11	US-11-241-871-204	Sequence 204, App	c 370	2	20.0	21	12	US-60-732-162-2044	Sequence 2044, Ap
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c 299	2	20.0	21	11	US-11-167-838-13	Sequence 13, Appl	c 372	2	20.0	21	12	US-60-732-162-2051	Sequence 2051, Ap
c 300	2	20.0	21	11	US-11-167-838-13	Sequence 13, Appl	c 373	2	20.0	21	12	US-60-732-162-2051	Sequence 2051, Ap
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c 302	2	20.0	21	11	US-11-313-302-232	Sequence 232, App	c 375	2	20.0	21	12	US-60-732-162-2071	Sequence 2071, Ap
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c 304	2	20.0	21	11	US-11-318-240-28	Sequence 28, Appl	c 377	2	20.0	21	12	US-60-732-162-2075	Sequence 2075, Ap
c 305	2	20.0	21	12	US-60-732-162-1837	Sequence 1837, Ap	c 378	2	20.0	21	12	US-60-732-162-2094	Sequence 2094, Ap
c 306	2	20.0	21	12	US-60-732-162-1837	Sequence 1837, Ap	c 379	2	20.0	21	12	US-60-732-162-2094	Sequence 2094, Ap
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c 308	2	20.0	21	12	US-60-732-162-1845	Sequence 1845, Ap	c 381	2	20.0	21	12	US-60-732-162-2101	Sequence 2101, Ap
c 309	2	20.0	21	12	US-60-732-162-1846	Sequence 1846, Ap	c 382	2	20.0	21	12	US-60-732-162-2103	Sequence 2103, Ap
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c 311	2	20.0	21	12	US-60-732-162-1851	Sequence 1851, Ap	c 384	2	20.0	21	12	US-60-732-162-2105	Sequence 2105, Ap
c 312	2	20.0	21	12	US-60-732-162-1851	Sequence 1851, Ap	c 385	2	20.0	21	12	US-60-732-162-2105	Sequence 2105, Ap
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Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 RRCWGWYYY 10
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Db 1 RRCWGWYYY 10

RESULT 4

US-11-038-285A-13/c
; Sequence 13, Application US/11038285A
; GENERAL INFORMATION:
; APPLICANT: Thompson, Timothy C.
; APPLICANT: Ren, Chengzhen
; TITLE OF INVENTION: RTVP Based Compositions and Methods for the Treatment of Prostate
; FILE REFERENCE: PRO025/4-015US
; CURRENT APPLICATION NUMBER: US/11/038,285A
; PRIOR FILING DATE: 2005-01-19
; PRIOR APPLICATION NUMBER: 60/539,186
; PRIOR FILING DATE: 2004-01-26
; NUMBER OF SEQ ID NOS: 14
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 13
; LENGTH: 42
; TYPE: DNA
; ORGANISM: Artificial
; FEATURE:
; OTHER INFORMATION: Consensus sequence
; NAME/KEY: misc_feature
; LOCATION: (11)..(32)
; OTHER INFORMATION: n = some may be missing
; NAME/KEY: misc_feature
; LOCATION: (11)..(32)
; OTHER INFORMATION: n is a, c, g, or t
US-11-038-285A-13

Query Match 100.0%; Score 10; DB 11; Length 42;

Best Local Similarity 100.0%; Pred. No. 0;

Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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Db 42 RRCWGWYYY 33

RESULT 5

PCT-US05-39975-98
; Sequence 98, Application PC/TUS0539975
; GENERAL INFORMATION:
; APPLICANT: Archemix Corp., et al.
; TITLE OF INVENTION: Stabilized Aptamers to Platelet Derived Growth Factor and Their
; FILE REFERENCE: 23239-558A CIP3-061
; CURRENT APPLICATION NUMBER: PCT/US05/39975
; CURRENT FILING DATE: 2005-11-15
; PRIOR APPLICATION NUMBER: US 10/980,211
; PRIOR FILING DATE: 2004-11-02
; PRIOR APPLICATION NUMBER: US 60/632,358
; PRIOR FILING DATE: 2004-11-30
; PRIOR APPLICATION NUMBER: US 60/632,609
; PRIOR FILING DATE: 2004-12-01
; PRIOR APPLICATION NUMBER: US 60/652,496
; PRIOR FILING DATE: 2005-02-10
; PRIOR APPLICATION NUMBER: US 60/652,494
; PRIOR FILING DATE: 2005-02-11
; PRIOR APPLICATION NUMBER: US 60/667,866
; PRIOR FILING DATE: 2005-04-01
; PRIOR APPLICATION NUMBER: US 60/672,200
; PRIOR FILING DATE: 2005-04-015
; NUMBER OF SEQ ID NOS: 102
; SOFTWARE: PatentIn version 3.2

Query Match 30.0%; Score 3; DB 1; Length 6;

Best Local Similarity 100.0%; Pred. No. 0;

Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2 RRC 4
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Db 6 RRC 4

RESULT 7

US-09-807-949C-23
; Sequence 23, Application US/09807949C
; GENERAL INFORMATION:
; APPLICANT: Zavada, Jan
; APPLICANT: Pastorekova, Silvia
; APPLICANT: Pastorek, Jaromir
; TITLE OF INVENTION: MN Gene and Protein
; FILE REFERENCE: D-0021.5 PCT
; CURRENT APPLICATION NUMBER: US/09/807,949C
; CURRENT FILING DATE: 2001-08-09
; PRIOR APPLICATION NUMBER: 09/177,776
; PRIOR FILING DATE: 1998-10-23

; SEQ ID NO 98
; LENGTH: 6
; TYPE: DNA
; ORGANISM: Artificial
; FEATURE:
; OTHER INFORMATION: synthetic aptamer
PCT-US05-39975-98

Query Match 30.0%; Score 3; DB 1; Length 6;

Best Local Similarity 100.0%; Pred. No. 0;

Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2 RRC 4
|||
Db 1 RRC 3

RESULT 6

PCT-US05-39975-98/c
; Sequence 98, Application PC/TUS0539975
; GENERAL INFORMATION:
; APPLICANT: Archemix Corp., et al.
; TITLE OF INVENTION: Stabilized Aptamers to Platelet Derived Growth Factor and Their
; FILE REFERENCE: 23239-558A CIP3-061
; CURRENT APPLICATION NUMBER: PCT/US05/39975
; CURRENT FILING DATE: 2005-11-15
; PRIOR APPLICATION NUMBER: US 10/980,211
; PRIOR FILING DATE: 2004-11-02
; PRIOR APPLICATION NUMBER: US 60/632,358
; PRIOR FILING DATE: 2004-11-30
; PRIOR APPLICATION NUMBER: US 60/632,609
; PRIOR FILING DATE: 2004-12-01
; PRIOR APPLICATION NUMBER: US 60/652,496
; PRIOR FILING DATE: 2005-02-10
; PRIOR APPLICATION NUMBER: US 60/652,494
; PRIOR FILING DATE: 2005-02-11
; PRIOR APPLICATION NUMBER: US 60/667,866
; PRIOR FILING DATE: 2005-04-01
; PRIOR APPLICATION NUMBER: US 60/672,200
; PRIOR FILING DATE: 2005-04-015
; NUMBER OF SEQ ID NOS: 102
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 98
; LENGTH: 6
; TYPE: DNA
; ORGANISM: Artificial
; FEATURE:
; OTHER INFORMATION: synthetic aptamer
PCT-US05-39975-98

Query Match 30.0%; Score 3; DB 1; Length 6;

Best Local Similarity 100.0%; Pred. No. 0;

Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2 RRC 4
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Db 6 RRC 4

; PRIOR APPLICATION NUMBER: 09/178,115
; PRIOR FILING DATE: 1998-10-23
; NUMBER OF SEQ ID NOS: 143
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 23
; LENGTH: 10
; TYPE: DNA
; ORGANISM: HUMAN
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (1)..(10)
US-09-807-949C-23

Query Match 30.0%; Score 3; DB 5; Length 10;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 8 YYY 10
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Db 1 YYY 3

RESULT 8
US-09-807-949C-23/c
; Sequence 23, Application US/09807949C
; GENERAL INFORMATION:
; APPLICANT: Zavada, Jan
; APPLICANT: Pastorekova, Silvia
; APPLICANT: Pastorek, Jaromir
; TITLE OF INVENTION: MN Gene and Protein
; FILE REFERENCE: D-0021.5 PCT
; CURRENT APPLICATION NUMBER: US/09/807,949C
; CURRENT FILING DATE: 2001-08-09
; PRIOR APPLICATION NUMBER: 09/177,776
; PRIOR FILING DATE: 1998-10-23
; PRIOR APPLICATION NUMBER: 09/178,115
; PRIOR FILING DATE: 1998-10-23
; NUMBER OF SEQ ID NOS: 143
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 23
; LENGTH: 10
; TYPE: DNA
; ORGANISM: HUMAN
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (1)..(10)
US-09-807-949C-23

Query Match 30.0%; Score 3; DB 5; Length 10;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 RRR 3
|||
Db 10 RRR 8

RESULT 9
US-09-967-237B-23
; Sequence 23, Application US/09967237B
; GENERAL INFORMATION:
; APPLICANT: Zavada, Jan
; APPLICANT: Pastorekova, Silvia
; APPLICANT: Pastorek, Jaromir
; TITLE OF INVENTION: MN Gene and Protein
; FILE REFERENCE: D-0021.5B-2
; CURRENT APPLICATION NUMBER: US/09/967,237B
; CURRENT FILING DATE: 2001-09-27
; PRIOR APPLICATION NUMBER: 09/178,115
; PRIOR FILING DATE: 1998-10-23
; NUMBER OF SEQ ID NOS: 116
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 23

; LENGTH: 10
; TYPE: DNA
; ORGANISM: HUMAN
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (1)..(10)
US-09-967-237B-23

Query Match 30.0%; Score 3; DB 5; Length 10;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 8 YYY 10
|||
Db 1 YYY 3

RESULT 10
US-09-967-237B-23/c
; Sequence 23, Application US/09967237B
; GENERAL INFORMATION:
; APPLICANT: Zavada, Jan
; APPLICANT: Pastorekova, Silvia
; APPLICANT: Pastorek, Jaromir
; TITLE OF INVENTION: MN Gene and Protein
; FILE REFERENCE: D-0021.5B-2
; CURRENT APPLICATION NUMBER: US/09/967,237B
; CURRENT FILING DATE: 2001-09-27
; PRIOR APPLICATION NUMBER: 09/178,115
; PRIOR FILING DATE: 1998-10-23
; NUMBER OF SEQ ID NOS: 116
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 23
; LENGTH: 10
; TYPE: DNA
; ORGANISM: HUMAN
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (1)..(10)
US-09-967-237B-23

Query Match 30.0%; Score 3; DB 5; Length 10;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 RRR 3
|||
Db 10 RRR 8

RESULT 11
US-10-290-327B-16
; Sequence 16, Application US/10290327B
; GENERAL INFORMATION:
; APPLICANT: Neuville, Pascal
; APPLICANT: Ribault, Sebastien
; APPLICANT: Calenda, Valerie
; APPLICANT: Frauli, Melanie
; TITLE OF INVENTION: Chimeric Promoters for Controlling Expression in Muscle Cells
; FILE REFERENCE: 029395-029
; CURRENT APPLICATION NUMBER: US/10/290,327B
; CURRENT FILING DATE: 2002-11-08
; PRIOR APPLICATION NUMBER: EP 01 44 0378.6
; PRIOR FILING DATE: 2001-11-09
; PRIOR APPLICATION NUMBER: US 60/331,767
; PRIOR FILING DATE: 2001-11-21
; NUMBER OF SEQ ID NOS: 21
; SOFTWARE: PastSeq for Windows Version 4.0
; SEQ ID NO 16
; LENGTH: 10
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:

; OTHER INFORMATION: CarG box
US-10-290-327B-16

Query Match 30.0%; Score 3; DB 6; Length 10;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 4 CWV 6
DB 2 CWV 4

RESULT 12
US-10-290-327B-16/c
; Sequence 16, Application US/10290327B
; GENERAL INFORMATION:
; APPLICANT: Neuville, Pascal
; APPLICANT: Ribault, Sebastien
; APPLICANT: Calenda, Valerie
; APPLICANT: Frauli, Melanie
; TITLE OF INVENTION: Chimeric Promoters for Controlling Expression in Muscle Cells
; FILE REFERENCE: 029395-029
; CURRENT APPLICATION NUMBER: US/10/290,327B
; PRIOR FILING DATE: 2002-11-08
; PRIOR APPLICATION NUMBER: EP 01 44 0378.6
; PRIOR FILING DATE: 2001-11-09
; PRIOR APPLICATION NUMBER: US 60/331,767
; PRIOR FILING DATE: 2001-11-21
; NUMBER OF SEQ ID NOS: 21
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 16
; LENGTH: 10
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: CarG box
US-10-290-327B-16

Query Match 30.0%; Score 3; DB 6; Length 10;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 4 CWV 6
DB 9 CWV 7

RESULT 13
US-10-319-003C-23
; Sequence 23, Application US/10319003C
; GENERAL INFORMATION:
; APPLICANT: Zavada, Jan
; APPLICANT: Pastorekova, Silvia
; APPLICANT: Pastorek, Jaromir
; APPLICANT: Harris, Adrian
; TITLE OF INVENTION: MN Gene and Protein
; FILE REFERENCE: D-0021.5C-2
; CURRENT APPLICATION NUMBER: US/10/319,003C
; PRIOR FILING DATE: 2002-12-13
; PRIOR APPLICATION NUMBER: 60/341,036
; PRIOR FILING DATE: 2001-12-13
; PRIOR APPLICATION NUMBER: 09/807,949
; PRIOR FILING DATE: 1999-10-22
; NUMBER OF SEQ ID NOS: 154
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 23
; LENGTH: 10
; TYPE: DNA
; ORGANISM: HUMAN
; FEATURE:
; NAME/KEY: misc.feature
; LOCATION: (1)..(10)
US-10-319-003C-23

Query Match 30.0%; Score 3; DB 6; Length 10;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 8 YYY 10
DB 1 YYY 3

RESULT 14
US-10-319-003C-23/c
; Sequence 23, Application US/10319003C
; GENERAL INFORMATION:
; APPLICANT: Zavada, Jan
; APPLICANT: Pastorekova, Silvia
; APPLICANT: Pastorek, Jaromir
; APPLICANT: Harris, Adrian
; TITLE OF INVENTION: MN Gene and Protein
; FILE REFERENCE: D-0021.5C-2
; CURRENT APPLICATION NUMBER: US/10/319,003C
; PRIOR FILING DATE: 2002-12-13
; PRIOR APPLICATION NUMBER: 60/341,036
; PRIOR FILING DATE: 2001-12-13
; PRIOR APPLICATION NUMBER: 09/807,949
; PRIOR FILING DATE: 1999-10-22
; NUMBER OF SEQ ID NOS: 154
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 23
; LENGTH: 10
; TYPE: DNA
; ORGANISM: HUMAN
; FEATURE:
; NAME/KEY: misc.feature
; LOCATION: (1)..(10)
US-10-319-003C-23

Query Match 30.0%; Score 3; DB 6; Length 10;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 RRR 3
DB 10 RRR 8

RESULT 15
US-10-290-327B-16
; Sequence 16, Application US/10290327B
; GENERAL INFORMATION:
; APPLICANT: Neuville, Pascal
; APPLICANT: Ribault, Sebastien
; APPLICANT: Calenda, Valerie
; APPLICANT: Frauli, Melanie
; TITLE OF INVENTION: Chimeric Promoters for Controlling Expression in Muscle Cells
; FILE REFERENCE: 029395-029
; CURRENT APPLICATION NUMBER: US/10/290,327B
; PRIOR FILING DATE: 2002-11-08
; PRIOR APPLICATION NUMBER: EP 01 44 0378.6
; PRIOR FILING DATE: 2001-11-09
; PRIOR APPLICATION NUMBER: US 60/331,767
; PRIOR FILING DATE: 2001-11-21
; NUMBER OF SEQ ID NOS: 21
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 16
; LENGTH: 10
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: CarG box
US-10-290-327B-16

Query Match 30.0%; Score 3; DB 7; Length 10;

```
Best Local Similarity 100.0%; Pred. No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 4 CW 6
Db 2 CW 4

RESULT 16
US-10-327B-16/c
; Sequence 16, Application US/10290327B
; GENERAL INFORMATION:
; APPLICANT: Neuville, Pascal
; APPLICANT: Ribault, Sebastien
; APPLICANT: Calenda, Valerie
; APPLICANT: Frauli, Melanie
; TITLE OF INVENTION: Chimeric Promoters for Controlling Expression in Muscle Cells
; FILE REFERENCE: D-029395-029
; CURRENT APPLICATION NUMBER: US/10/290,327B
; CURRENT FILING DATE: 2002-11-08
; PRIOR APPLICATION NUMBER: EP 01 44 0378.6
; PRIOR FILING DATE: 2001-11-09
; PRIOR APPLICATION NUMBER: US 60/331,767
; PRIOR FILING DATE: 2001-11-21
; NUMBER OF SEQ ID NOS: 21
; SOFTWARE: PastSeq for Windows Version 4.0
; SEQ ID NO 16
; LENGTH: 10
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: CarG box
US-10-290-327B-16

Query Match 30.0%; Score 3; DB 7; Length 10;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 4 CW 6
Db 9 CW 7

RESULT 17
US-10-319-003C-23
; Sequence 23, Application US/10319003C
; GENERAL INFORMATION:
; APPLICANT: Zavada, Jan
; APPLICANT: Pastorekova, Silvia
; APPLICANT: Pastorek, Jaromir
; APPLICANT: Harris, Adrian
; TITLE OF INVENTION: MN Gene and Protein
; FILE REFERENCE: D-0021.5C-2
; CURRENT APPLICATION NUMBER: US/10/319,003C
; CURRENT FILING DATE: 2002-12-13
; PRIOR APPLICATION NUMBER: 60/341,036
; PRIOR FILING DATE: 2001-12-13
; PRIOR APPLICATION NUMBER: 09/807,949
; PRIOR FILING DATE: 1999-10-22
; NUMBER OF SEQ ID NOS: 154
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 23
; LENGTH: 10
; TYPE: DNA
; ORGANISM: HUMAN
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (1)..(10)
US-10-319-003C-23

Query Match 30.0%; Score 3; DB 7; Length 10;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 4 CW 6
Db 9 CW 7

RESULT 18
US-10-319-003C-23/c
; Sequence 23, Application US/10319003C
; GENERAL INFORMATION:
; APPLICANT: Zavada, Jan
; APPLICANT: Pastorekova, Silvia
; APPLICANT: Pastorek, Jaromir
; APPLICANT: Harris, Adrian
; TITLE OF INVENTION: MN Gene and Protein
; FILE REFERENCE: D-0021.5C-2
; CURRENT APPLICATION NUMBER: US/10/319,003C
; CURRENT FILING DATE: 2002-12-13
; PRIOR APPLICATION NUMBER: 60/341,036
; PRIOR FILING DATE: 2001-12-13
; PRIOR APPLICATION NUMBER: 09/807,949
; PRIOR FILING DATE: 1999-10-22
; NUMBER OF SEQ ID NOS: 154
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 23
; LENGTH: 10
; TYPE: DNA
; ORGANISM: HUMAN
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (1)..(10)
US-10-319-003C-23

Query Match 30.0%; Score 3; DB 7; Length 10;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 RRR 3
Db 10 RRR 8

RESULT 19
US-11-325-270-31
; Sequence 31, Application US/11325270
; GENERAL INFORMATION:
; APPLICANT: Narayanan and Hill
; TITLE OF INVENTION: PRIMER FOR NUCLEIC ACID DETECTION
; FILE REFERENCE: 6395-69331-03
; CURRENT APPLICATION NUMBER: US/11/325,270
; CURRENT FILING DATE: 2006-01-03
; PRIOR APPLICATION NUMBER: US 60/641,303
; PRIOR FILING DATE: 2005-01-03
; NUMBER OF SEQ ID NOS: 32
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 31
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial
; FEATURE:
; OTHER INFORMATION: Exemplary universal primer
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (2)..(2)
; OTHER INFORMATION: T includes a detectable label
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (4)..(7)
; OTHER INFORMATION: S is G or C
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (8)..(8)
; OTHER INFORMATION: N is any number of nucleotides
```

FEATURE:
NAME/KEY: misc_feature
LOCATION: (9)..(12)
OTHER INFORMATION: R is the complementary nucleotide to S
US-11-325-270-31

Query Match 30.0%; Score 3; DB 9; Length 15;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 RRR 3
DB 9 RRR 11

RESULT 20
US-11-325-270-31/c
Sequence 31, Application US/11325270
GENERAL INFORMATION:
APPLICANT: Narayanan and Hill
TITLE OF INVENTION: PRIMER FOR NUCLEIC ACID DETECTION
FILE REFERENCE: 6395-69331-03
CURRENT APPLICATION NUMBER: US/11/325,270
PRIOR FILING DATE: 2006-01-03
PRIOR APPLICATION NUMBER: US 60/641,303
NUMBER OF SEQ ID NOS: 32
SOFTWARE: PatentIn version 3.3
SEQ ID NO 31
LENGTH: 15
TYPE: DNA
ORGANISM: Artificial
FEATURE:
OTHER INFORMATION: Exemplary universal primer
NAME/KEY: misc_feature
LOCATION: (2)..(2)
OTHER INFORMATION: T includes a detectable label
NAME/KEY: misc_feature
LOCATION: (8)..(8)
OTHER INFORMATION: N is any number of nucleotides
FEATURE:
NAME/KEY: misc_feature
LOCATION: (9)..(12)
OTHER INFORMATION: R is the complementary nucleotide to S
CURRENT FILING DATE: 2006-01-03
PRIOR APPLICATION NUMBER: US 60/641,303
NUMBER OF SEQ ID NOS: 32
SOFTWARE: PatentIn version 3.3
SEQ ID NO 31
LENGTH: 15

TYPE: DNA
ORGANISM: Artificial
FEATURE:
OTHER INFORMATION: Exemplary universal primer
NAME/KEY: misc_feature
LOCATION: (2)..(2)
OTHER INFORMATION: T includes a detectable label
NAME/KEY: misc_feature
LOCATION: (8)..(8)
OTHER INFORMATION: N is any number of nucleotides
FEATURE:
NAME/KEY: misc_feature
LOCATION: (9)..(12)
OTHER INFORMATION: R is the complementary nucleotide to S
US-11-325-270-31

Query Match 30.0%; Score 3; DB 9; Length 15;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 8 YY 10
DB 12 YY 10

RESULT 21
US-11-325-270-32
Sequence 32, Application US/11325270
GENERAL INFORMATION:
APPLICANT: Narayanan and Hill
TITLE OF INVENTION: PRIMER FOR NUCLEIC ACID DETECTION/
FILE REFERENCE: 6395-69331-03
CURRENT APPLICATION NUMBER: US/11/325,270
PRIOR FILING DATE: 2006-01-03
PRIOR APPLICATION NUMBER: US 60/641,303
NUMBER OF SEQ ID NOS: 32

SOFTWARE: PatentIn version 3.3
SEQ ID NO 32
LENGTH: 17
TYPE: DNA
ORGANISM: Artificial
FEATURE:
OTHER INFORMATION: Exemplary universal primer
NAME/KEY: misc_feature
LOCATION: (2)..(2)
OTHER INFORMATION: T includes a detectable label
NAME/KEY: misc_feature
LOCATION: (4)..(7)
OTHER INFORMATION: S is G or C
NAME/KEY: misc_feature
LOCATION: (8)..(8)
OTHER INFORMATION: N is any number of nucleotides
FEATURE:
NAME/KEY: misc_feature
LOCATION: (9)..(12)
OTHER INFORMATION: R is the complementary nucleotide to S
NAME/KEY: misc_feature
LOCATION: (13)..(13)
OTHER INFORMATION: N is a carbon spacer arm of at least 3 carbons
NAME/KEY: misc_feature
LOCATION: (16)..(16)
OTHER INFORMATION: N is a carbon spacer arm of at least 3 carbons
NAME/KEY: misc_feature
LOCATION: (17)..(17)
OTHER INFORMATION: N is any number of nucleotides
US-11-325-270-32

Query Match 30.0%; Score 3; DB 9; Length 17;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 RRR 3
DB 9 RRR 11

RESULT 22
US-11-325-270-32/c
Sequence 32, Application US/11325270
GENERAL INFORMATION:
APPLICANT: Narayanan and Hill
TITLE OF INVENTION: PRIMER FOR NUCLEIC ACID DETECTION
FILE REFERENCE: 6395-69331-03
CURRENT APPLICATION NUMBER: US/11/325,270
PRIOR FILING DATE: 2006-01-03
PRIOR APPLICATION NUMBER: US 60/641,303
NUMBER OF SEQ ID NOS: 32
SOFTWARE: PatentIn version 3.3
SEQ ID NO 32
LENGTH: 17
TYPE: DNA
ORGANISM: Artificial
FEATURE:
OTHER INFORMATION: Exemplary universal primer
NAME/KEY: misc_feature
LOCATION: (2)..(2)
OTHER INFORMATION: T includes a detectable label
NAME/KEY: misc_feature
LOCATION: (4)..(7)
OTHER INFORMATION: S is G or C

```

; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (8)..(8)
; OTHER INFORMATION: N is any number of nucleotides
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (9)..(12)
; OTHER INFORMATION: R is the complementary nucleotide to S
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (13)..(13)
; OTHER INFORMATION: N is a carbon spacer arm of at least 3 carbons
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (16)..(16)
; OTHER INFORMATION: N is a carbon spacer arm of at least 3 carbons
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (17)..(17)
; OTHER INFORMATION: N is any number of nucleotides
US-11-325-270-32

```

```

Query Match      30.0%; Score 3; DB 9; Length 17;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

```

Qy      8 YYY 10
      |||
Db     12 YYY 10

```

```

RESULT 23
US-11-257-833A-4
; Sequence 4, Application US/11257833A
; GENERAL INFORMATION:
; APPLICANT: Cho, Yoon-kyoung
; APPLICANT: Kim, Sook-young
; APPLICANT: Kim, Jin-tae
; APPLICANT: Lee, Kyu-sang
; TITLE OF INVENTION: Method of purifying nucleic acid using silver nanoparticles
; FILE REFERENCE: YPL-0189
; CURRENT APPLICATION NUMBER: US/11/257,833A
; CURRENT FILING DATE: 2005-10-25
; PRIOR APPLICATION NUMBER: KR 10-2004-0097595
; PRIOR FILING DATE: 2004-11-25
; NUMBER OF SEQ ID NOS: 4
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 4
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial
; FEATURE:
; OTHER INFORMATION: Reverse primer
US-11-257-833A-4

```

```

Query Match      30.0%; Score 3; DB 9; Length 19;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

```

Qy      2 RRC 4
      |||
Db     11 RRC 13

```

```

RESULT 24
US-11-257-833A-4/c
; Sequence 4, Application US/11257833A
; GENERAL INFORMATION:
; APPLICANT: Cho, Yoon-kyoung
; APPLICANT: Kim, Sook-young
; APPLICANT: Kim, Jin-tae
; APPLICANT: Lee, Kyu-sang
; TITLE OF INVENTION: Method of purifying nucleic acid using silver nanoparticles

```

```

; FILE REFERENCE: YPL-0189
; CURRENT APPLICATION NUMBER: US/11/257,833A
; CURRENT FILING DATE: 2005-10-25
; PRIOR APPLICATION NUMBER: KR 10-2004-0097595
; PRIOR FILING DATE: 2004-11-25
; NUMBER OF SEQ ID NOS: 4
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 4
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial
; FEATURE:
; OTHER INFORMATION: Reverse primer
US-11-257-833A-4

```

```

Query Match      30.0%; Score 3; DB 9; Length 19;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

```

Qy      7 GYY 9
      |||
Db     13 GYY 11

```

```

RESULT 25
US-10-556-904-71
; Sequence 71, Application US/10556904
; GENERAL INFORMATION:
; APPLICANT: Cytos Biotechnology AG
; APPLICANT: Bachmann, Martin F
; APPLICANT: Gatto, Dominique
; TITLE OF INVENTION: SELECTION OF B CELLS WITH SPECIFICITY OF INTEREST: METHOD OF
; FILE REFERENCE: C62780PC
; CURRENT APPLICATION NUMBER: US/10/556,904
; CURRENT FILING DATE: 2005-11-15
; PRIOR APPLICATION NUMBER: US 60/470,443
; PRIOR FILING DATE: 2003-05-15
; NUMBER OF SEQ ID NOS: 85
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 71
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: HB9 primer
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (3)..(3)
; OTHER INFORMATION: v is a, c or g
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (8)..(8)
; OTHER INFORMATION: w is a or t
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (10)..(10)
; OTHER INFORMATION: y is c or t
US-10-556-904-71

```

```

Query Match      30.0%; Score 3; DB 6; Length 20;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

```

Qy      6 WGY 8
      |||
Db     8 WGY 10

```

```

RESULT 26
US-10-556-904-71/c
; Sequence 71, Application US/10556904
; GENERAL INFORMATION:

```

```
; APPLICANT: Cytos Biotechnology AG
; APPLICANT: Bachmann, Martin F
; TITLE OF INVENTION: SELECTION OF B CELLS WITH SPECIFICITY OF INTEREST: METHOD OF
; FILE REFERENCE: C62780PC
; CURRENT APPLICATION NUMBER: US/10/556,904
; CURRENT FILING DATE: 2005-11-15
; PRIOR APPLICATION NUMBER: US 60/470,443
; PRIOR FILING DATE: 2003-05-15
; NUMBER OF SEQ ID NOS: 85
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 71
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: HB9 primer
; NAME/KEY: misc_feature
; LOCATION: (3)..(3)
; OTHER INFORMATION: v is a, c or g
; NAME/KEY: misc_feature
; LOCATION: (8)..(8)
; OTHER INFORMATION: w is a or t
; NAME/KEY: misc_feature
; LOCATION: (10)..(10)
; OTHER INFORMATION: y is c or t
; US-10-556-904-71

Query Match      30.0%; Score 3; DB 6; Length 20;
Best Local Similarity 100.0%; Pred.No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      3 RCW 5
Db      10 RCW 8

RESULT 27
US-10-556-904-71
; Sequence 71, Application US/10556904
; GENERAL INFORMATION:
; APPLICANT: Cytos Biotechnology AG
; APPLICANT: Bachmann, Martin F
; APPLICANT: Gatto, Dominige
; TITLE OF INVENTION: SELECTION OF B CELLS WITH SPECIFICITY OF INTEREST: METHOD OF
; FILE REFERENCE: C62780PC
; CURRENT APPLICATION NUMBER: US/10/556,904
; CURRENT FILING DATE: 2005-11-15
; PRIOR APPLICATION NUMBER: US 60/470,443
; PRIOR FILING DATE: 2003-05-15
; NUMBER OF SEQ ID NOS: 85
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 71
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: HB9 primer
; NAME/KEY: misc_feature
; LOCATION: (3)..(3)
; OTHER INFORMATION: v is a, c or g
; NAME/KEY: misc_feature
; LOCATION: (8)..(8)
; OTHER INFORMATION: w is a or t
; NAME/KEY: misc_feature
; LOCATION: (10)..(10)
; OTHER INFORMATION: y is c or t
; US-10-556-904-71

Query Match      30.0%; Score 3; DB 6; Length 20;
Best Local Similarity 100.0%; Pred.No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      3 RCW 5
Db      10 RCW 8

RESULT 27
US-10-556-904-71
; Sequence 71, Application US/10556904
; GENERAL INFORMATION:
; APPLICANT: Cytos Biotechnology AG
; APPLICANT: Bachmann, Martin F
; APPLICANT: Gatto, Dominige
; TITLE OF INVENTION: SELECTION OF B CELLS WITH SPECIFICITY OF INTEREST: METHOD OF
; FILE REFERENCE: C62780PC
; CURRENT APPLICATION NUMBER: US/10/556,904
; CURRENT FILING DATE: 2005-11-15
; PRIOR APPLICATION NUMBER: US 60/470,443
; PRIOR FILING DATE: 2003-05-15
; NUMBER OF SEQ ID NOS: 85
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 71
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: HB9 primer
; NAME/KEY: misc_feature
; LOCATION: (3)..(3)
; OTHER INFORMATION: v is a, c or g
; NAME/KEY: misc_feature
; LOCATION: (8)..(8)
; OTHER INFORMATION: w is a or t
; NAME/KEY: misc_feature
; LOCATION: (10)..(10)
; OTHER INFORMATION: y is c or t
; US-10-556-904-71
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; LOCATION: (10)..(10)
; OTHER INFORMATION: y is c or t
; US-10-556-904-71

Query Match      30.0%; Score 3; DB 7; Length 20;
Best Local Similarity 100.0%; Pred.No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      6 WGY 8
Db      8 WGY 10

RESULT 28
US-10-556-904-71/c
; Sequence 71, Application US/10556904
; GENERAL INFORMATION:
; APPLICANT: Cytos Biotechnology AG
; APPLICANT: Bachmann, Martin F
; APPLICANT: Gatto, Dominige
; TITLE OF INVENTION: SELECTION OF B CELLS WITH SPECIFICITY OF INTEREST: METHOD OF
; FILE REFERENCE: C62780PC
; CURRENT APPLICATION NUMBER: US/10/556,904
; CURRENT FILING DATE: 2005-11-15
; PRIOR APPLICATION NUMBER: US 60/470,443
; PRIOR FILING DATE: 2003-05-15
; NUMBER OF SEQ ID NOS: 85
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 71
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: HB9 primer
; NAME/KEY: misc_feature
; LOCATION: (3)..(3)
; OTHER INFORMATION: v is a, c or g
; NAME/KEY: misc_feature
; LOCATION: (8)..(8)
; OTHER INFORMATION: w is a or t
; NAME/KEY: misc_feature
; LOCATION: (10)..(10)
; OTHER INFORMATION: y is c or t
; US-10-556-904-71

Query Match      30.0%; Score 3; DB 7; Length 20;
Best Local Similarity 100.0%; Pred.No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      3 RCW 5
Db      10 RCW 8

RESULT 29
US-11-331-856-5
; Sequence 5, Application US/11331856
; GENERAL INFORMATION:
; APPLICANT: Idaho Research Foundation, Inc.
; APPLICANT: Forney, Larry J
; APPLICANT: Foster, James
; APPLICANT: Brown, Celeste
; APPLICANT: Joyce, Paul
; APPLICANT: Abdo, Zaid
; APPLICANT: Johnson, Audra
; APPLICANT: Zhou, Xia
; APPLICANT: Osborn, Thomas
; APPLICANT: Davis, Catherine
; APPLICANT: Jones, Bruce
```

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; TITLE OF INVENTION: CATEGORIZATION OF VAGINAL MICROFLORA
; FILE REFERENCE: 2815-69351-02
; CURRENT APPLICATION NUMBER: US/11/331,856
; CURRENT FILING DATE: 2006-01-12
; PRIOR APPLICATION NUMBER: US 60/644,080
; PRIOR FILING DATE: 2005-01-14
; NUMBER OF SEQ ID NOS: 23
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 5
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Forward primer 49f
; NAME/KEY: misc_feature
; LOCATION: (2)..(2)
; OTHER INFORMATION: "n" equals a, c, g or t
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (4)..(4)
; OTHER INFORMATION: "n" equals a, c, g or t
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (17)..(17)
; OTHER INFORMATION: "r" equals a or g
; NAME/KEY: misc_feature
; LOCATION: (18)..(18)
; OTHER INFORMATION: "r" equals a or g
US-11-331-856-5

Query Match 30.0%; Score 3; DB 9; Length 20;
Best Local Similarity 100.0%; Pred.No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2 RRC 4
Db 17 RRC 19

RESULT 30
US-11-331-856-5/c
; Sequence 5, Application US/11331856
; GENERAL INFORMATION:
; APPLICANT: Idaho Research Foundation, Inc.
; APPLICANT: Forney, Larry J
; APPLICANT: Foster, James
; APPLICANT: Brown, Celeste
; APPLICANT: Joyce, Paul
; APPLICANT: Abdo, Zaid
; APPLICANT: Johnson, Audra
; APPLICANT: Zhou, Xia
; APPLICANT: Osborn, Thomas
; APPLICANT: Davis, Catherine
; APPLICANT: Jones, Bruce
; TITLE OF INVENTION: CATEGORIZATION OF VAGINAL MICROFLORA
; FILE REFERENCE: 2815-69351-02
; CURRENT APPLICATION NUMBER: US/11/331,856
; CURRENT FILING DATE: 2006-01-12
; PRIOR APPLICATION NUMBER: US 60/644,080
; PRIOR FILING DATE: 2005-01-14
; NUMBER OF SEQ ID NOS: 23
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 5
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Forward primer 49f
; NAME/KEY: misc_feature
; LOCATION: (2)..(2)

```

```

; OTHER INFORMATION: "n" equals a, c, g or t
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (4)..(4)
; OTHER INFORMATION: "n" equals a, c, g or t
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (17)..(17)
; OTHER INFORMATION: "r" equals a or g
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (18)..(18)
; OTHER INFORMATION: "r" equals a or g
US-11-331-856-5

Query Match 30.0%; Score 3; DB 9; Length 20;
Best Local Similarity 100.0%; Pred.No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 7 GY 9
Db 19 GY 17

RESULT 31
US-11-221-130-11
; Sequence 11, Application US/11221130
; GENERAL INFORMATION:
; APPLICANT: Rubin, Berish Y.
; APPLICANT: Anderson, Sylvia L.
; TITLE OF INVENTION: METHODS FOR TREATING FAMILIAL DYSAUTONOMIA
; FILE REFERENCE: 17603
; CURRENT APPLICATION NUMBER: US/11/221,130
; CURRENT FILING DATE: 2005-09-07
; NUMBER OF SEQ ID NOS: 12
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 11
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic primer
US-11-221-130-11

Query Match 30.0%; Score 3; DB 11; Length 20;
Best Local Similarity 100.0%; Pred.No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2 RRC 4
Db 14 RRC 16

RESULT 32
US-11-221-130-11/c
; Sequence 11, Application US/11221130
; GENERAL INFORMATION:
; APPLICANT: Rubin, Berish Y.
; APPLICANT: Anderson, Sylvia L.
; TITLE OF INVENTION: METHODS FOR TREATING FAMILIAL DYSAUTONOMIA
; FILE REFERENCE: 17603
; CURRENT APPLICATION NUMBER: US/11/221,130
; CURRENT FILING DATE: 2005-09-07
; NUMBER OF SEQ ID NOS: 12
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 11
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic primer
US-11-221-130-11

```

Query Match 30.0%; Score 3; DB 11; Length 20;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 7 GY 9
16 GY 14

Db

RESULT 33
US-11-289-857-2
; Sequence 2, Application US/11289857
; GENERAL INFORMATION:
; APPLICANT: Peak, Sang-hyun
; APPLICANT: Lee, Jung-nam
; APPLICANT: Park, Jong-myeon
; APPLICANT: Chung, Jong-suk
; TITLE OF INVENTION: Novel exothermic material, method and device for lysing cells
; TITLE OF INVENTION: using the exothermic material
; FILE REFERENCE: YPL-0194
; CURRENT APPLICATION NUMBER: US/11/289,857
; CURRENT FILING DATE: 2005-11-30
; PRIOR APPLICATION NUMBER: KR 10-2004-0099743
; PRIOR FILING DATE: 2004-12-01
; NUMBER OF SEQ ID NOS: 2
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 2
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial
; FEATURE:
; OTHER INFORMATION: primer
US-11-289-857-2

Query Match 30.0%; Score 3; DB 11; Length 22;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 7 GY 9
10 GY 12

Db

RESULT 34
US-11-289-857-2/c
; Sequence 2, Application US/11289857
; GENERAL INFORMATION:
; APPLICANT: Peak, Sang-hyun
; APPLICANT: Lee, Jung-nam
; APPLICANT: Park, Jong-myeon
; APPLICANT: Chung, Jong-suk
; TITLE OF INVENTION: Novel exothermic material; method and device for lysing cells
; TITLE OF INVENTION: using the exothermic material
; FILE REFERENCE: YPL-0194
; CURRENT APPLICATION NUMBER: US/11/289,857
; CURRENT FILING DATE: 2005-11-30
; PRIOR APPLICATION NUMBER: KR 10-2004-0099743
; PRIOR FILING DATE: 2004-12-01
; NUMBER OF SEQ ID NOS: 2
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 2
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial
; FEATURE:
; OTHER INFORMATION: primer
US-11-289-857-2

Query Match 30.0%; Score 3; DB 11; Length 22;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2 RRC 4

Db 12 RRC 10

RESULT 35
US-11-317-601-2
; Sequence 2, Application US/11317601
; GENERAL INFORMATION:
; APPLICANT: Oh, Ji-young
; APPLICANT: Huh, Nam
; APPLICANT: Peak, Sang-hyun
; APPLICANT: Jeong, Sung-young
; TITLE OF INVENTION: PRIMER SET CAPABLE OF SPECIFICALLY AMPLIFYING A TARGET SEQUENCE
; TITLE OF INVENTION: FOUND IN 10 BACTERIAL SPECIES AND PROBE OLIGONUCLEOTIDE
; TITLE OF INVENTION: SPECIFICALLY HYBRIDIZABLE WITH EACH TARGET SEQUENCE OF THE 10
; TITLE OF INVENTION: BACTERIAL SPECIES
; FILE REFERENCE: YPL-0219
; CURRENT APPLICATION NUMBER: US/11/317,601
; CURRENT FILING DATE: 2005-12-23
; PRIOR APPLICATION NUMBER: Korean 10-2004-0111101
; PRIOR FILING DATE: 2004-12-23
; NUMBER OF SEQ ID NOS: 26
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 2
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: reverse primer
US-11-317-601-2

Query Match 30.0%; Score 3; DB 11; Length 22;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 7 GY 9
10 GY 12

Db

RESULT 36
US-11-317-601-2/c
; Sequence 2, Application US/11317601
; GENERAL INFORMATION:
; APPLICANT: Oh, Ji-young
; APPLICANT: Huh, Nam
; APPLICANT: Peak, Sang-hyun
; APPLICANT: Jeong, Sung-young
; TITLE OF INVENTION: PRIMER SET CAPABLE OF SPECIFICALLY AMPLIFYING A TARGET SEQUENCE
; TITLE OF INVENTION: FOUND IN 10 BACTERIAL SPECIES AND PROBE OLIGONUCLEOTIDE
; TITLE OF INVENTION: SPECIFICALLY HYBRIDIZABLE WITH EACH TARGET SEQUENCE OF THE 10
; TITLE OF INVENTION: BACTERIAL SPECIES
; FILE REFERENCE: YPL-0219
; CURRENT APPLICATION NUMBER: US/11/317,601
; CURRENT FILING DATE: 2005-12-23
; PRIOR APPLICATION NUMBER: Korean 10-2004-0111101
; PRIOR FILING DATE: 2004-12-23
; NUMBER OF SEQ ID NOS: 26
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 2
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: reverse primer
US-11-317-601-2

Query Match 30.0%; Score 3; DB 11; Length 22;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2 RRC 4

```
Db      12 RRC 10

; Sequence 4, Application US/11285025
; GENERAL INFORMATION:
; APPLICANT: Koshinsky, Heather
; APPLICANT: Zwick, Michael S.
; APPLICANT: Choi, Yeon K.
; TITLE OF INVENTION: SYSTEM FOR DETECTING POLYNUCLEOTIDES
; FILE REFERENCE: 12973/3
; CURRENT APPLICATION NUMBER: US/11/285,025
; CURRENT FILING DATE: 2005-11-21
; PRIOR APPLICATION NUMBER: 60/471,827
; PRIOR FILING DATE: 2003-05-20
; PRIOR APPLICATION NUMBER: PCT/US2004/016118
; PRIOR FILING DATE: 2004-05-20
; NUMBER OF SEQ ID NOS: 34
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 4
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: nucleic acid analog to detect bacteria
US-11-285-025-4

Query Match      30.0%; Score 3; DB 11; Length 24;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      7 GYY 9
Db      9 GYY 11

RESULT 38
US-11-285-025-4/c
; Sequence 4, Application US/11285025
; GENERAL INFORMATION:
; APPLICANT: Koshinsky, Heather
; APPLICANT: Zwick, Michael S.
; APPLICANT: Choi, Yeon K.
; TITLE OF INVENTION: SYSTEM FOR DETECTING POLYNUCLEOTIDES
; FILE REFERENCE: 12973/3
; CURRENT APPLICATION NUMBER: US/11/285,025
; CURRENT FILING DATE: 2005-11-21
; PRIOR APPLICATION NUMBER: 60/471,827
; PRIOR FILING DATE: 2003-05-20
; PRIOR APPLICATION NUMBER: PCT/US2004/016118
; PRIOR FILING DATE: 2004-05-20
; NUMBER OF SEQ ID NOS: 34
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 4
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: nucleic acid analog to detect bacteria
US-11-285-025-4

Query Match      30.0%; Score 3; DB 11; Length 24;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      2 RRC 4
Db      11 RRC 9

RESULT 39
US-11-263-686-2

; Sequence 2, Application US/11263686
; GENERAL INFORMATION:
; APPLICANT: Odell, Joan
; APPLICANT: Yu, Xiaodan
; APPLICANT: Lu, Guihua
; APPLICANT: Xu, Hu
; TITLE OF INVENTION: Root-Specific, Stimulant Inducible Promoter and its Use
; FILE REFERENCE: BB1468 US NA
; CURRENT APPLICATION NUMBER: US/11/263,686
; CURRENT FILING DATE: 2005-11-01
; PRIOR APPLICATION NUMBER: US/10/104,706
; PRIOR FILING DATE: 2002-03-22
; PRIOR APPLICATION NUMBER: 60/278379
; PRIOR FILING DATE: March 23, 2001
; NUMBER OF SEQ ID NOS: 17
; SOFTWARE: Microsoft Office 97
; SEQ ID NO 2
; LENGTH: 32
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide Primer
US-11-263-686-2

Query Match      30.0%; Score 3; DB 11; Length 32;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      8 YYY 10
Db      23 YYY 25

RESULT 40
US-11-263-686-2/c
; Sequence 2, Application US/11263686
; GENERAL INFORMATION:
; APPLICANT: Odell, Joan
; APPLICANT: Yu, Xiaodan
; APPLICANT: Lu, Guihua
; APPLICANT: Xu, Hu
; TITLE OF INVENTION: Root-Specific, Stimulant Inducible Promoter and its Use
; FILE REFERENCE: BB1468 US NA
; CURRENT APPLICATION NUMBER: US/11/263,686
; CURRENT FILING DATE: 2005-11-01
; PRIOR APPLICATION NUMBER: US/10/104,706
; PRIOR FILING DATE: 2002-03-22
; PRIOR APPLICATION NUMBER: 60/278379
; PRIOR FILING DATE: March 23, 2001
; NUMBER OF SEQ ID NOS: 17
; SOFTWARE: Microsoft Office 97
; SEQ ID NO 2
; LENGTH: 32
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide Primer
US-11-263-686-2

Query Match      30.0%; Score 3; DB 11; Length 32;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1 RRR 3
Db      26 RRR 24

RESULT 41
US-11-303-372-36
; Sequence 36, Application US/11303372
; GENERAL INFORMATION:
; APPLICANT: O'Mahony, Daniel J.
```


APPLICANT: Lambkin, Imelda J.
APPLICANT: Pinilla, Clemencia
APPLICANT: Houghten, Richard
TITLE OF INVENTION: CONJUGATES OF MEMBRANE TRANSLOCATING AGENTS AND PHARMACEUTICALLY
FILE REFERENCE: P26,481-A USA
CURRENT APPLICATION NUMBER: US/11/303,372
CURRENT FILING DATE: 2005-12-16
PRIOR APPLICATION NUMBER: US/10/955,656
PRIOR FILING DATE: 2004-09-30
PRIOR APPLICATION NUMBER: 10/126,845
PRIOR FILING DATE: 2002-04-19
PRIOR APPLICATION NUMBER: 09/671,089
PRIOR FILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: 60/156,246
PRIOR FILING DATE: 1999-09-27
NUMBER OF SEQ ID NOS: 119
SOFTWARE: PatentIn version 3.1
SEQ ID NO 36
LENGTH: 33
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: encodes membrane translocating peptide
NAME/KEY: misc_feature
LOCATION: (3)..(3)
OTHER INFORMATION: "r is A or G"
FEATURE:
NAME/KEY: misc_feature
LOCATION: (6)..(6)
OTHER INFORMATION: "y is C or T"
FEATURE:
NAME/KEY: misc_feature
LOCATION: (7)..(7)
OTHER INFORMATION: "y is C or T"
FEATURE:
NAME/KEY: misc_feature
LOCATION: (9)..(9)
OTHER INFORMATION: "n is A or C or G or T"
FEATURE:
NAME/KEY: misc_feature
LOCATION: (12)..(12)
OTHER INFORMATION: "n is A or C or G or T"
FEATURE:
NAME/KEY: misc_feature
LOCATION: (15)..(15)
OTHER INFORMATION: "n is A or C or G or T"
FEATURE:
NAME/KEY: misc_feature
LOCATION: (16)..(16)
OTHER INFORMATION: "y is C or T"
FEATURE:
NAME/KEY: misc_feature
LOCATION: (18)..(18)
OTHER INFORMATION: "n is A or C or G or T"
FEATURE:
NAME/KEY: misc_feature
LOCATION: (19)..(19)
OTHER INFORMATION: "y is C or T"
FEATURE:
NAME/KEY: misc_feature
LOCATION: (21)..(21)
OTHER INFORMATION: "n is A or C or G or T"
FEATURE:
NAME/KEY: misc_feature
LOCATION: (24)..(24)
OTHER INFORMATION: "n is A or C or G or T"
FEATURE:
NAME/KEY: misc_feature
LOCATION: (27)..(27)
OTHER INFORMATION: "n is A or C or G or T"
FEATURE:

NAME/KEY: misc_feature
LOCATION: (30)..(30)
OTHER INFORMATION: "n is A or C or G or T"
FEATURE:
NAME/KEY: misc_feature
LOCATION: (33)..(33)
OTHER INFORMATION: "y is C or T"
US-11-303-372-36

Query Match 30.0%; Score 3; DB 11; Length 33;
Best Local Similarity 100.0%; Pred.No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 7 GY 9
Db 5 GY 7

RESULT 42

US-11-303-372-36/c
Sequence 36, Application US/11303372
GENERAL INFORMATION:
APPLICANT: O'Mahony, Daniel J.
APPLICANT: Lambkin, Imelda J.
APPLICANT: Pinilla, Clemencia
APPLICANT: Houghten, Richard
TITLE OF INVENTION: CONJUGATES OF MEMBRANE TRANSLOCATING AGENTS AND PHARMACEUTICALLY
TITLE OF INVENTION: AGENTS
FILE REFERENCE: P26,481-A USA
CURRENT APPLICATION NUMBER: US/11/303,372
CURRENT FILING DATE: 2005-12-16
PRIOR APPLICATION NUMBER: US/10/955,656
PRIOR FILING DATE: 2004-09-30
PRIOR APPLICATION NUMBER: 10/126,845
PRIOR FILING DATE: 2002-04-19
PRIOR APPLICATION NUMBER: 09/671,089
PRIOR FILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: 60/156,246
PRIOR FILING DATE: 1999-09-27
NUMBER OF SEQ ID NOS: 119
SOFTWARE: PatentIn version 3.1
SEQ ID NO 36
LENGTH: 33
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: encodes membrane translocating peptide
FEATURE:
NAME/KEY: misc_feature
LOCATION: (3)..(3)
OTHER INFORMATION: "r is A or G"
FEATURE:
NAME/KEY: misc_feature
LOCATION: (6)..(6)
OTHER INFORMATION: "y is C or T"
FEATURE:
NAME/KEY: misc_feature
LOCATION: (7)..(7)
OTHER INFORMATION: "y is C or T"
FEATURE:
NAME/KEY: misc_feature
LOCATION: (9)..(9)
OTHER INFORMATION: "n is A or C or G or T"
FEATURE:
NAME/KEY: misc_feature
LOCATION: (12)..(12)
OTHER INFORMATION: "n is A or C or G or T"
FEATURE:
NAME/KEY: misc_feature
LOCATION: (15)..(15)
OTHER INFORMATION: "n is A or C or G or T"
FEATURE:
NAME/KEY: misc_feature

```
; LOCATION: (16)..(16)
; OTHER INFORMATION: "Y is C or T"
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (18)..(18)
; OTHER INFORMATION: "n is A or C or G or T"
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (19)..(19)
; OTHER INFORMATION: "Y is C or T"
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (21)..(21)
; OTHER INFORMATION: "n is A or C or G or T"
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (24)..(24)
; OTHER INFORMATION: "n is A or C or G or T"
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (27)..(27)
; OTHER INFORMATION: "n is A or C or G or T"
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (30)..(30)
; OTHER INFORMATION: "n is A or C or G or T"
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (33)..(33)
; OTHER INFORMATION: "Y is C or T"
US-11-303-372-36
```

```
Query Match 30.0%; Score 3; DB 11; Length 33;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
Qy 2 RRC 4
Db 7 RRC 5
```

```
RESULT 43
US-11-157-072-2
; Sequence 2, Application US/11157072
; GENERAL INFORMATION:
; APPLICANT: YU, ZHONGTANG
; TITLE OF INVENTION: SERIAL ANALYSIS OF RIBOSOMAL AND OTHER MICROBIAL GENE
; FILE REFERENCE: 22727/04244
; CURRENT APPLICATION NUMBER: US/11/157,072
; PRIOR FILING DATE: 2005-06-20
; PRIOR APPLICATION NUMBER: 60/580,846
; NUMBER OF SEQ ID NOS: 2
; SOFTWARE: PatentIn Ver. 3.3
; SEQ ID NO 2
; LENGTH: 33
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: primer
US-11-157-072-2
```

```
Query Match 30.0%; Score 3; DB 11; Length 33;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
Qy 7 GY 9
Db 13 GY 15
```

```
RESULT 44
US-11-157-072-2/c
; Sequence 2, Application US/11157072
; GENERAL INFORMATION:
; APPLICANT: YU, ZHONGTANG
; APPLICANT: MORRISON, MARK
; TITLE OF INVENTION: SERIAL ANALYSIS OF RIBOSOMAL AND OTHER MICROBIAL GENE
; FILE REFERENCE: 22727/04244
; CURRENT APPLICATION NUMBER: US/11/157,072
; CURRENT FILING DATE: 2005-06-20
; PRIOR APPLICATION NUMBER: 60/580,846
; PRIOR FILING DATE: 2004-06-18
; NUMBER OF SEQ ID NOS: 2
; SOFTWARE: PatentIn Ver. 3.3
; SEQ ID NO 2
; LENGTH: 33
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: primer
US-11-157-072-2
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Query Match 30.0%; Score 3; DB 11; Length 33;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
Qy 2 RRC 4
Db 15 RRC 13
```

```
RESULT 45
US-10-511-436A-13
; Sequence 13, Application US/10511436A
; GENERAL INFORMATION:
; APPLICANT: KOBAYASHI, KAZUO
; APPLICANT: KITAGAWA, YOSHINORI
; APPLICANT: KOMEDA, TOSHIHIRO
; APPLICANT: KAWASHIMA, NAGAKO
; APPLICANT: JIGAMI, YOSHIFUMI
; APPLICANT: CHIBA, YASUNORI
; TITLE OF INVENTION: METHYLOTROPH PRODUCING MAMMALIAN TYPE SUGAR CHAIN
; FILE REFERENCE: 081356-0224
; CURRENT APPLICATION NUMBER: US/10/511,436A
; CURRENT FILING DATE: 2004-10-25
; PRIOR APPLICATION NUMBER: PCT/JP03/05464
; PRIOR FILING DATE: 2003-04-28
; PRIOR APPLICATION NUMBER: JP 2002-127677
; PRIOR FILING DATE: 2002-04-26
; NUMBER OF SEQ ID NOS: 121
; SOFTWARE: PatentIn Ver. 3.3
; SEQ ID NO 13
; LENGTH: 35
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: primer PUR5 for amplification of 5'-region of
; OTHER INFORMATION: Ogataea Minuta URA3 gene
; FEATURE:
; NAME/KEY: modified_base
; LOCATION: (3)
; OTHER INFORMATION: a, c, g or t
; FEATURE:
; NAME/KEY: modified_base
; LOCATION: (6)
; OTHER INFORMATION: a, c, g or t
; FEATURE:
; NAME/KEY: modified_base
; LOCATION: (18)
```

; OTHER INFORMATION: a, c, g or t
; FEATURE:
; NAME/KEY: modified_base
; LOCATION: (21)
; OTHER INFORMATION: a, c, g or t
; FEATURE:
; NAME/KEY: modified_base
; LOCATION: (27)
; OTHER INFORMATION: a, c, g or t
US-10-511-436A-13

Query Match 30.0%; Score 3; DB 6; Length 35;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 7 GY 9
Db 14 GY 16

RESULT 46
US-10-511-436A-13/c
; Sequence 13, Application US/10511436A
; GENERAL INFORMATION:
; APPLICANT: KOBAYASHI, KAZUO
; APPLICANT: KITAGAWA, YOSHINORI
; APPLICANT: KOMEDA, TOSHIHIRO
; APPLICANT: KAWASHIMA, NAGAKO
; APPLICANT: JIGAMI, YOSHIFUMI
; APPLICANT: CHIBA, YASUNORI
; TITLE OF INVENTION: METHYLOTROPH PRODUCING MAMMALIAN TYPE SUGAR CHAIN
; FILE REFERENCE: 081356-0224
; CURRENT APPLICATION NUMBER: US/10/511,436A
; CURRENT FILING DATE: 2004-10-25
; PRIOR APPLICATION NUMBER: PCT/JP03/05464
; PRIOR FILING DATE: 2003-04-28
; PRIOR APPLICATION NUMBER: JP 2002-127677
; PRIOR FILING DATE: 2002-04-26
; NUMBER OF SEQ ID NOS: 121
; SOFTWARE: PatentIn Ver. 3.3
; SEQ ID NO 13
; LENGTH: 35
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: primer PUR5 for amplification of 5'-region of
; OTHER INFORMATION: Ogataea Minuta URA3 gene
; FEATURE:
; NAME/KEY: modified_base
; LOCATION: (3)
; OTHER INFORMATION: a, c, g or t
; FEATURE:
; NAME/KEY: modified_base
; LOCATION: (6)
; OTHER INFORMATION: a, c, g or t
; FEATURE:
; NAME/KEY: modified_base
; LOCATION: (18)
; OTHER INFORMATION: a, c, g or t
; FEATURE:
; NAME/KEY: modified_base
; LOCATION: (21)
; OTHER INFORMATION: a, c, g or t
; FEATURE:
; NAME/KEY: modified_base
; LOCATION: (27)
; OTHER INFORMATION: a, c, g or t
US-10-511-436A-13

Query Match 30.0%; Score 3; DB 6; Length 35;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2 RRC 4
Db 16 RRC 14

RESULT 47
US-10-511-436A-13
; Sequence 13, Application US/10511436A
; GENERAL INFORMATION:
; APPLICANT: KOBAYASHI, KAZUO
; APPLICANT: KITAGAWA, YOSHINORI
; APPLICANT: KOMEDA, TOSHIHIRO
; APPLICANT: KAWASHIMA, NAGAKO
; APPLICANT: JIGAMI, YOSHIFUMI
; APPLICANT: CHIBA, YASUNORI
; TITLE OF INVENTION: METHYLOTROPH PRODUCING MAMMALIAN TYPE SUGAR CHAIN
; FILE REFERENCE: 081356-0224
; CURRENT APPLICATION NUMBER: US/10/511,436A
; CURRENT FILING DATE: 2004-10-25
; PRIOR APPLICATION NUMBER: PCT/JP03/05464
; PRIOR FILING DATE: 2003-04-28
; PRIOR APPLICATION NUMBER: JP 2002-127677
; PRIOR FILING DATE: 2002-04-26
; NUMBER OF SEQ ID NOS: 121
; SOFTWARE: PatentIn Ver. 3.3
; SEQ ID NO 13
; LENGTH: 35
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: primer PUR5 for amplification of 5'-region of
; OTHER INFORMATION: Ogataea Minuta URA3 gene
; FEATURE:
; NAME/KEY: modified_base
; LOCATION: (3)
; OTHER INFORMATION: a, c, g or t
; FEATURE:
; NAME/KEY: modified_base
; LOCATION: (6)
; OTHER INFORMATION: a, c, g or t
; FEATURE:
; NAME/KEY: modified_base
; LOCATION: (18)
; OTHER INFORMATION: a, c, g or t
; FEATURE:
; NAME/KEY: modified_base
; LOCATION: (21)
; OTHER INFORMATION: a, c, g or t
; FEATURE:
; NAME/KEY: modified_base
; LOCATION: (27)
; OTHER INFORMATION: a, c, g or t
US-10-511-436A-13

Query Match 30.0%; Score 3; DB 7; Length 35;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 7 GY 9
Db 14 GY 16

RESULT 48
US-10-511-436A-13/c
; Sequence 13, Application US/10511436A
; GENERAL INFORMATION:
; APPLICANT: KOBAYASHI, KAZUO
; APPLICANT: KITAGAWA, YOSHINORI
; APPLICANT: KOMEDA, TOSHIHIRO
; APPLICANT: KAWASHIMA, NAGAKO

```
; APPLICANT: JIGAMI, YOSHIFUMI
; APPLICANT: CHIBA, YASUNORI
; TITLE OF INVENTION: METHYLOTROPH PRODUCING MAMMALIAN TYPE SUGAR CHAIN
; FILE REFERENCE: 081356-0224
; CURRENT APPLICATION NUMBER: US/10/511,436A
; PRIOR FILING DATE: 2004-10-25
; PRIOR APPLICATION NUMBER: PCT/JP03/05464
; PRIOR FILING DATE: 2003-04-28
; PRIOR APPLICATION NUMBER: JP 2002-127677
; PRIOR FILING DATE: 2002-04-26
; NUMBER OF SEQ ID NOS: 121
; SOFTWARE: PatentIn Ver. 3.3
; SEQ ID NO 13
; LENGTH: 35
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: primer PUR5 for amplification of 5'-region of
; OTHER INFORMATION: Ogataea Minuta URA3 gene
; FEATURE:
; NAME/KEY: modified_base
; LOCATION: (3)
; OTHER INFORMATION: a, c, g or t
; FEATURE:
; NAME/KEY: modified_base
; LOCATION: (6)
; OTHER INFORMATION: a, c, g or t
; FEATURE:
; NAME/KEY: modified_base
; LOCATION: (18)
; OTHER INFORMATION: a, c, g or t
; FEATURE:
; NAME/KEY: modified_base
; LOCATION: (21)
; OTHER INFORMATION: a, c, g or t
; FEATURE:
; NAME/KEY: modified_base
; LOCATION: (27)
; OTHER INFORMATION: a, c, g or t
; US-10-511-436A-13

Query Match 30.0%; Score 3; DB 7; Length 35;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2 RRC 4
    |||
Db 16 RRC 14

RESULT 49
US-11-303-372-35
; Sequence 35, Application US/11303372
; GENERAL INFORMATION:
; APPLICANT: O'Mahony, Daniel J.
; APPLICANT: Lambkin, Imelda J.
; APPLICANT: Pinilla, Clemencia
; APPLICANT: Houghten, Richard
; TITLE OF INVENTION: CONJUGATES OF MEMBRANE TRANSLOCATING AGENTS AND PHARMACEUTICALLY
; TITLE OF INVENTION: AGENTS
; FILE REFERENCE: P26,481-A USA
; CURRENT APPLICATION NUMBER: US/11/303,372
; CURRENT FILING DATE: 2005-12-16
; PRIOR APPLICATION NUMBER: US/10/955,656
; PRIOR FILING DATE: 2004-09-30
; PRIOR APPLICATION NUMBER: 10/126,845
; PRIOR FILING DATE: 2002-04-19
; PRIOR APPLICATION NUMBER: 09/671,089
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: 60/156,246
; PRIOR FILING DATE: 1999-09-27
; NUMBER OF SEQ ID NOS: 119
; ;
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; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 35
; LENGTH: 36
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: encodes membrane translocating peptide
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (3)..(3)
; OTHER INFORMATION: "r is A or G"
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (6)..(6)
; OTHER INFORMATION: "y is C or T"
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (7)..(7)
; OTHER INFORMATION: "y is C or T"
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (9)..(9)
; OTHER INFORMATION: "n is A or C or G or T"
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (10)..(10)
; OTHER INFORMATION: "y is C or T"
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (12)..(12)
; OTHER INFORMATION: "n is A or C or G or T"
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (15)..(15)
; OTHER INFORMATION: "n is A or C or G or T"
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (18)..(18)
; OTHER INFORMATION: "n is A or C or G or T"
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (19)..(19)
; OTHER INFORMATION: "y is C or T"
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (21)..(21)
; OTHER INFORMATION: "n is A or C or G or T"
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (22)..(22)
; OTHER INFORMATION: "y is C or T"
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (24)..(24)
; OTHER INFORMATION: "n is A or C or G or T"
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (27)..(27)
; OTHER INFORMATION: "n is A or C or G or T"
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (30)..(30)
; OTHER INFORMATION: "n is A or C or G or T"
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (33)..(33)
; OTHER INFORMATION: "n is A or C or G or T"
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (36)..(36)
; OTHER INFORMATION: "y is C or T"
; US-11-303-372-35
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Query Match 30.0%; Score 3; DB 11; Length 36;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 7 GYY 9
|||
Db 5 GYY 7

RESULT 50

US-11-303-372-35/c
; Sequence 35, Application US/11303372
; GENERAL INFORMATION:
; APPLICANT: O'Mahony, Daniel J.
; APPLICANT: Lambkin, Inelda J.
; APPLICANT: Pinilla, Clemencia
; APPLICANT: Houghten, Richard
; TITLE OF INVENTION: CONJUGATES OF MEMBRANE TRANSLOCATING AGENTS AND PHARMACEUTICALLY
; TITLE OF INVENTION: AGENTS
; FILE REFERENCE: P26,481-A USA
; CURRENT APPLICATION NUMBER: US/11/303,372
; CURRENT FILING DATE: 2005-12-16
; PRIOR APPLICATION NUMBER: US/10/955,656
; PRIOR FILING DATE: 2004-09-30
; PRIOR APPLICATION NUMBER: 10/126,845
; PRIOR FILING DATE: 2002-04-19
; PRIOR APPLICATION NUMBER: 09/671,089
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: 60/156,246
; PRIOR FILING DATE: 1999-09-27
; NUMBER OF SEQ ID NOS: 119
; SOFTWARE: Patentin version 3.1
; SEQ ID NO 35
; LENGTH: 36
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: encodes membrane translocating peptide
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (3)..(3)
; OTHER INFORMATION: "r is A or G"
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (6)..(6)
; OTHER INFORMATION: "y is C or T"
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (7)..(7)
; OTHER INFORMATION: "y is C or T"
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (9)..(9)
; OTHER INFORMATION: "n is A or C or G or T"
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (10)..(10)
; OTHER INFORMATION: "y is C or T"
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (12)..(12)
; OTHER INFORMATION: "n is A or C or G or T"
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (15)..(15)
; OTHER INFORMATION: "n is A or C or G or T"
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (18)..(18)
; OTHER INFORMATION: "n is A or C or G or T"
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (19)..(19)

; OTHER INFORMATION: "y is C or T"
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (21)..(21)
; OTHER INFORMATION: "n is A or C or G or T"
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (22)..(22)
; OTHER INFORMATION: "y is C or T"
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (24)..(24)
; OTHER INFORMATION: "n is A or C or G or T"
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (27)..(27)
; OTHER INFORMATION: "n is A or C or G or T"
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (30)..(30)
; OTHER INFORMATION: "n is A or C or G or T"
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (33)..(33)
; OTHER INFORMATION: "n is A or C or G or T"
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (36)..(36)
; OTHER INFORMATION: "y is C or T"
US-11-303-372-35

Query Match 30.0%; Score 3; DB 11; Length 36;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2 RRC 4
|||
Db 7 RRC 5

RESULT 51

US-11-304-076-59
; Sequence 59, Application US/11304076
; GENERAL INFORMATION:
; APPLICANT: Tsien, Roger
; APPLICANT: Campbell, Robert
; APPLICANT: Geoffrey Baird
; TITLE OF INVENTION: FLUORESCENT PROTEIN VARIANTS AND METHODS
; FILE REFERENCE: UC083.1CP2CP2
; CURRENT APPLICATION NUMBER: US/11/304,076
; CURRENT FILING DATE: 2005-12-14
; PRIOR APPLICATION NUMBER: US/10/209,208
; PRIOR FILING DATE: 2002-07-29
; PRIOR APPLICATION NUMBER: 10/121,258
; PRIOR FILING DATE: 2002-04-10
; PRIOR APPLICATION NUMBER: 09/866,538
; PRIOR FILING DATE: 2001-05-24
; PRIOR APPLICATION NUMBER: 09/794,308
; PRIOR FILING DATE: 2001-02-26
; NUMBER OF SEQ ID NOS: 80
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 59
; LENGTH: 39
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Mutagenic Primer
US-11-304-076-59

Query Match 30.0%; Score 3; DB 11; Length 39;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```
;
;
; FEATURE:
; OTHER INFORMATION: Group 1 assembly PCR oligonucleotide 3
;
; FEATURE:
; NAME/KEY: modified base
; LOCATION: (16)..(16)
; OTHER INFORMATION: n = g, a, c or t
US-11-155-989-335

Query Match      30.0%; Score 3; DB 11; Length 75;
Best Local Similarity 100.0%; Pred.No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      7 GY 9
DB      21 GY 23
      |||

RESULT 54
US-11-155-989-335/c
; Sequence 335, Application US/11155989
; GENERAL INFORMATION:
; APPLICANT: Stemmer, Willem P. C.
; APPLICANT: Perltroth, D. Victor
; APPLICANT: Satyal, Sanjeev
; APPLICANT: Alba, Benjamin M.
; APPLICANT: Bakker, Alice
; APPLICANT: Duguay, Amy N.
; APPLICANT: Liu, Qiang
; APPLICANT: Silverman, Joshua
; APPLICANT: Smith, Richard
; APPLICANT: Avidia Research Institute
; TITLE OF INVENTION: c-Met Kinase Binding Proteins
; FILE REFERENCE: 022013-001410US
; CURRENT APPLICATION NUMBER: US/11/155,989
; CURRENT FILING DATE: 2005-06-17
; PRIOR APPLICATION NUMBER: US 10/871,602
; PRIOR FILING DATE: 2004-06-17
; PRIOR APPLICATION NUMBER: US 10/957,351
; PRIOR FILING DATE: 2004-09-30
; NUMBER OF SEQ ID NOS: 925
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 335
; LENGTH: 75
; TYPE: DNA
; ORGANISM: Artificial Sequence
;
; FEATURE:
; OTHER INFORMATION: Group 1 assembly PCR oligonucleotide 3
;
; FEATURE:
; NAME/KEY: modified base
; LOCATION: (16)..(16)
; OTHER INFORMATION: n = g, a, c or t
US-11-155-989-335

Query Match      30.0%; Score 3; DB 11; Length 75;
Best Local Similarity 100.0%; Pred.No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      2 RRC 4
DB      23 RRC 21
      |||

RESULT 55
PCT-US05-32134A-96
; Sequence 96, Application PC/TUS0532134A
; GENERAL INFORMATION:
; APPLICANT: Archemix Corp., et al.
; TITLE OF INVENTION: Aptamers to von Willebrand Factor And their Use As Thrombotic
; FILE REFERENCE: 23239-582-061
; CURRENT APPLICATION NUMBER: PCT/US05/32134A
; CURRENT FILING DATE: 2005-09-07
; PRIOR APPLICATION NUMBER: 60/608,047
```

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;
;
; FEATURE:
; OTHER INFORMATION: Group 1 assembly PCR oligonucleotide 3
;
; FEATURE:
; NAME/KEY: modified base
; LOCATION: (16)..(16)
; OTHER INFORMATION: n = g, a, c or t
US-11-155-989-335

Query Match      30.0%; Score 3; DB 11; Length 75;
Best Local Similarity 100.0%; Pred.No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      7 GY 9
DB      21 GY 23
      |||

RESULT 54
US-11-155-989-335/c
; Sequence 335, Application US/11155989
; GENERAL INFORMATION:
; APPLICANT: Stemmer, Willem P. C.
; APPLICANT: Perltroth, D. Victor
; APPLICANT: Satyal, Sanjeev
; APPLICANT: Alba, Benjamin M.
; APPLICANT: Bakker, Alice
; APPLICANT: Duguay, Amy N.
; APPLICANT: Liu, Qiang
; APPLICANT: Silverman, Joshua
; APPLICANT: Smith, Richard
; APPLICANT: Avidia Research Institute
; TITLE OF INVENTION: c-Met Kinase Binding Proteins
; FILE REFERENCE: 022013-001410US
; CURRENT APPLICATION NUMBER: US/11/155,989
; CURRENT FILING DATE: 2005-06-17
; PRIOR APPLICATION NUMBER: US 10/871,602
; PRIOR FILING DATE: 2004-06-17
; PRIOR APPLICATION NUMBER: US 10/957,351
; PRIOR FILING DATE: 2004-09-30
; NUMBER OF SEQ ID NOS: 925
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 335
; LENGTH: 75
; TYPE: DNA
; ORGANISM: Artificial Sequence
;
; FEATURE:
; OTHER INFORMATION: Group 1 assembly PCR oligonucleotide 3
;
; FEATURE:
; NAME/KEY: modified base
; LOCATION: (16)..(16)
; OTHER INFORMATION: n = g, a, c or t
US-11-155-989-335

Query Match      30.0%; Score 3; DB 11; Length 75;
Best Local Similarity 100.0%; Pred.No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      2 RRC 4
DB      23 RRC 21
      |||

RESULT 55
PCT-US05-32134A-96
; Sequence 96, Application PC/TUS0532134A
; GENERAL INFORMATION:
; APPLICANT: Archemix Corp., et al.
; TITLE OF INVENTION: Aptamers to von Willebrand Factor And their Use As Thrombotic
; FILE REFERENCE: 23239-582-061
; CURRENT APPLICATION NUMBER: PCT/US05/32134A
; CURRENT FILING DATE: 2005-09-07
; PRIOR APPLICATION NUMBER: 60/608,047
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; PRIOR FILING DATE: 2004-09-07
; PRIOR APPLICATION NUMBER: 60/661,950
; PRIOR FILING DATE: 2005-03-11
; PRIOR APPLICATION NUMBER: 60/678,427
; PRIOR FILING DATE: 2005-05-06
; PRIOR APPLICATION NUMBER: 60/690,231
; PRIOR FILING DATE: 2005-06-13
; NUMBER OF SEQ ID NOS: 327
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 96
; LENGTH: 78
; TYPE: DNA
; ORGANISM: Artificial
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: chemically synthesized
; NAME/KEY: misc feature
; LOCATION: (22)..(58)
; OTHER INFORMATION: where Y is C or T; R is A or G; H is A, C, or T.
PCT-US05-32134A-96

Query Match          30.0%; Score 3; DB 1; Length 78;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 7 GY 9
Db 55 GY 57

RESULT 56
PCT-US05-32134A-96/c
; Sequence 96, Application PC/TUS0532134A
; GENERAL INFORMATION:
; APPLICANT: Archemix Corp., et al.
; TITLE OF INVENTION: Aptamers to von Willebrand Factor And their Use As Thrombotic
; FILE REFERENCE: 23239-582-061
; CURRENT FILING DATE: 2005-09-07
; PRIOR APPLICATION NUMBER: 60/608,047
; PRIOR FILING DATE: 2004-09-07
; PRIOR APPLICATION NUMBER: 60/661,950
; PRIOR FILING DATE: 2005-03-11
; PRIOR APPLICATION NUMBER: 60/678,427
; PRIOR FILING DATE: 2005-05-06
; PRIOR APPLICATION NUMBER: 60/690,231
; PRIOR FILING DATE: 2005-06-13
; NUMBER OF SEQ ID NOS: 327
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 96
; LENGTH: 78
; TYPE: DNA
; ORGANISM: Artificial
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: chemically synthesized
; NAME/KEY: misc feature
; LOCATION: (22)..(58)
; OTHER INFORMATION: where Y is C or T; R is A or G; H is A, C, or T.
PCT-US05-32134A-96

Query Match          30.0%; Score 3; DB 1; Length 78;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2 RRC 4
Db 57 RRC 55

RESULT 57
PCT-US05-32134A-97

```

```

; Sequence 97, Application PC/TUS0532134A
; GENERAL INFORMATION:
; APPLICANT: Archemix Corp., et al.
; TITLE OF INVENTION: Aptamers to von Willebrand Factor And their Use As Thrombotic
; FILE REFERENCE: 23239-582-061
; CURRENT FILING DATE: 2005-09-07
; PRIOR APPLICATION NUMBER: 60/608,047
; PRIOR FILING DATE: 2004-09-07
; PRIOR APPLICATION NUMBER: 60/661,950
; PRIOR FILING DATE: 2005-03-11
; PRIOR APPLICATION NUMBER: 60/678,427
; PRIOR FILING DATE: 2005-05-06
; PRIOR APPLICATION NUMBER: 60/690,231
; PRIOR FILING DATE: 2005-06-13
; NUMBER OF SEQ ID NOS: 327
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 97
; LENGTH: 80
; TYPE: DNA
; ORGANISM: Artificial
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: chemically synthesized
; NAME/KEY: misc feature
; LOCATION: (49)..(59)
; OTHER INFORMATION: Where Y is C or T; R is A or G; H is A, C, or T.
PCT-US05-32134A-97

Query Match          30.0%; Score 3; DB 1; Length 80;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 8 YYY 10
Db 55 YYY 57

RESULT 58
PCT-US05-32134A-97/c
; Sequence 97, Application PC/TUS0532134A
; GENERAL INFORMATION:
; APPLICANT: Archemix Corp., et al.
; TITLE OF INVENTION: Aptamers to von Willebrand Factor And their Use As Thrombotic
; FILE REFERENCE: 23239-582-061
; CURRENT FILING DATE: 2005-09-07
; PRIOR APPLICATION NUMBER: 60/608,047
; PRIOR FILING DATE: 2004-09-07
; PRIOR APPLICATION NUMBER: 60/661,950
; PRIOR FILING DATE: 2005-03-11
; PRIOR APPLICATION NUMBER: 60/678,427
; PRIOR FILING DATE: 2005-05-06
; PRIOR APPLICATION NUMBER: 60/690,231
; PRIOR FILING DATE: 2005-06-13
; NUMBER OF SEQ ID NOS: 327
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 97
; LENGTH: 80
; TYPE: DNA
; ORGANISM: Artificial
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: chemically synthesized
; NAME/KEY: misc feature
; LOCATION: (49)..(59)
; OTHER INFORMATION: Where Y is C or T; R is A or G; H is A, C, or T.
PCT-US05-32134A-97

Query Match          30.0%; Score 3; DB 1; Length 80;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 8 YYY 10
Db 55 YYY 57

```

```
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Qy 1 RRR 3
Db 59 RRR 57

RESULT 59
PCT-US05-32134A-325
; Sequence 325, Application PC/TUS0532134A
; GENERAL INFORMATION:
; APPLICANT: Archemix Corp., et al.
; TITLE OF INVENTION: Aptamers to von Willebrand Factor And their Use As Thrombotic
; TITLE OF INVENTION: Disease Therapeutics
; FILE REFERENCE: 23239-582-061
; CURRENT APPLICATION NUMBER: PCT/US05/32134A
; CURRENT FILING DATE: 2005-09-07
; PRIOR APPLICATION NUMBER: 60/608,047
; PRIOR FILING DATE: 2004-09-07
; PRIOR APPLICATION NUMBER: 60/661,950
; PRIOR FILING DATE: 2005-03-11
; PRIOR APPLICATION NUMBER: 60/678,427
; PRIOR FILING DATE: 2005-05-06
; PRIOR APPLICATION NUMBER: 60/690,231
; PRIOR FILING DATE: 2005-06-13
; NUMBER OF SEQ ID NOS: 327
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 325
; LENGTH: 80
; TYPE: DNA
; ORGANISM: Artificial
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: chemically synthesized
PCT-US05-32134A-325

Query Match 30.0%; Score 3; DB 1; Length 80;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Qy 7 GY 9
Db 51 GY 53

RESULT 60
PCT-US05-32134A-325/c
; Sequence 325, Application PC/TUS0532134A
; GENERAL INFORMATION:
; APPLICANT: Archemix Corp., et al.
; TITLE OF INVENTION: Aptamers to von Willebrand Factor And their Use As Thrombotic
; TITLE OF INVENTION: Disease Therapeutics
; FILE REFERENCE: 23239-582-061
; CURRENT APPLICATION NUMBER: PCT/US05/32134A
; CURRENT FILING DATE: 2005-09-07
; PRIOR APPLICATION NUMBER: 60/608,047
; PRIOR FILING DATE: 2004-09-07
; PRIOR APPLICATION NUMBER: 60/661,950
; PRIOR FILING DATE: 2005-03-11
; PRIOR APPLICATION NUMBER: 60/678,427
; PRIOR FILING DATE: 2005-05-06
; PRIOR APPLICATION NUMBER: 60/690,231
; PRIOR FILING DATE: 2005-06-13
; NUMBER OF SEQ ID NOS: 327
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 325
; LENGTH: 80
; TYPE: DNA
; ORGANISM: Artificial
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: chemically synthesized
PCT-US05-32134A-325

Query Match 30.0%; Score 3; DB 1; Length 80;
```

```
Best Local Similarity 100.0%; Pred. No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Qy 2 RRC 4
Db 53 RRC 51

RESULT 61
US-11-155-989-337
; Sequence 337, Application US/11155989
; GENERAL INFORMATION:
; APPLICANT: Stemmer, Willem P. C.
; APPLICANT: Perltroth, D. Victor
; APPLICANT: Satyal, Sanjeev
; APPLICANT: Alba, Benjamin M.
; APPLICANT: Bakker, Alice
; APPLICANT: Duguay, Amy N.
; APPLICANT: Liu, Qiang
; APPLICANT: Silverman, Joshua
; APPLICANT: Smith, Richard
; APPLICANT: Avidia Research Institute
; TITLE OF INVENTION: C-Met Kinase Binding Proteins
; FILE REFERENCE: 022013-001410US
; CURRENT APPLICATION NUMBER: US/11/155,989
; CURRENT FILING DATE: 2005-06-17
; PRIOR APPLICATION NUMBER: US 10/871,602
; PRIOR FILING DATE: 2004-06-17
; PRIOR APPLICATION NUMBER: US 10/957,351
; PRIOR FILING DATE: 2004-09-30
; NUMBER OF SEQ ID NOS: 925
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 337
; LENGTH: 81
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Group 1 assembly PCR oligonucleotide 5
; NAME/KEY: modified_base
; LOCATION: (16)..(16)
; OTHER INFORMATION: n = g, a, c or t
US-11-155-989-337

Query Match 30.0%; Score 3; DB 11; Length 81;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Qy 7 GY 9
Db 21 GY 23

RESULT 62
US-11-155-989-337/c
; Sequence 337, Application US/11155989
; GENERAL INFORMATION:
; APPLICANT: Stemmer, Willem P. C.
; APPLICANT: Perltroth, D. Victor
; APPLICANT: Satyal, Sanjeev
; APPLICANT: Alba, Benjamin M.
; APPLICANT: Bakker, Alice
; APPLICANT: Duguay, Amy N.
; APPLICANT: Liu, Qiang
; APPLICANT: Silverman, Joshua
; APPLICANT: Smith, Richard
; APPLICANT: Avidia Research Institute
; TITLE OF INVENTION: C-Met Kinase Binding Proteins
; FILE REFERENCE: 022013-001410US
; CURRENT APPLICATION NUMBER: US/11/155,989
; CURRENT FILING DATE: 2005-06-17
; PRIOR APPLICATION NUMBER: US 10/871,602
; PRIOR FILING DATE: 2004-06-17
```


; PRIOR APPLICATION NUMBER: US 10/957,351
; PRIOR FILING DATE: 2004-09-30
; NUMBER OF SEQ ID NOS: 925
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 337
; LENGTH: 81
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Group 1 assembly PCR oligonucleotide 5
; NAME/KEY: modified base
; LOCATION: (16)...(16)
; OTHER INFORMATION: n = g, a, c or t
US-11-155-989-337

Query Match 30.0%; Score 3; DB 11; Length 81;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2 RRC 4
|||
Db 23 RRC 21

RESULT 63

PCT-US05-39975-96
; Sequence 96, Application PC/TUS0539975
; GENERAL INFORMATION:

; APPLICANT: Archemix Corp., et al.
; TITLE OF INVENTION: Stabilized Aptamers to Platelet Derived Growth Factor and Their
; FILE REFERENCE: 23239-558A CIP3-061
; CURRENT APPLICATION NUMBER: PCT/US05/39975
; CURRENT FILING DATE: 2005-11-15

; PRIOR APPLICATION NUMBER: US 10/980,211
; PRIOR FILING DATE: 2004-11-02
; PRIOR APPLICATION NUMBER: US 60/632,358
; PRIOR FILING DATE: 2004-11-30
; PRIOR APPLICATION NUMBER: US 60/632,609
; PRIOR FILING DATE: 2004-12-01
; PRIOR APPLICATION NUMBER: US 60/652,496
; PRIOR FILING DATE: 2005-02-10
; PRIOR APPLICATION NUMBER: US 60/652,494
; PRIOR FILING DATE: 2005-02-11
; PRIOR APPLICATION NUMBER: US 60/667,866
; PRIOR FILING DATE: 2005-04-01
; PRIOR APPLICATION NUMBER: US 60/672,200
; PRIOR FILING DATE: 2005-04-015
; NUMBER OF SEQ ID NOS: 102
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 96
; LENGTH: 4
; TYPE: DNA
; ORGANISM: Artificial
; FEATURE:
; OTHER INFORMATION: synthetic aptamer
PCT-US05-39975-96

Query Match 20.0%; Score 2; DB 1; Length 4;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 3 RC 4
|||
Db 1 RC 2

RESULT 64

PCT-US05-39975-96/c
; Sequence 96, Application PC/TUS0539975
; GENERAL INFORMATION:
; APPLICANT: Archemix Corp., et al.

; TITLE OF INVENTION: Stabilized Aptamers to Platelet Derived Growth Factor and Their
; FILE REFERENCE: 23239-558A CIP3-061
; CURRENT APPLICATION NUMBER: PCT/US05/39975
; CURRENT FILING DATE: 2005-11-15
; PRIOR APPLICATION NUMBER: US 10/980,211
; PRIOR FILING DATE: 2004-11-02
; PRIOR APPLICATION NUMBER: US 60/632,358
; PRIOR FILING DATE: 2004-11-30
; PRIOR APPLICATION NUMBER: US 60/632,609
; PRIOR FILING DATE: 2004-12-01
; PRIOR APPLICATION NUMBER: US 60/652,496
; PRIOR FILING DATE: 2005-02-10
; PRIOR APPLICATION NUMBER: US 60/652,494
; PRIOR FILING DATE: 2005-02-11
; PRIOR APPLICATION NUMBER: US 60/667,866
; PRIOR FILING DATE: 2005-04-01
; PRIOR APPLICATION NUMBER: US 60/672,200
; PRIOR FILING DATE: 2005-04-015
; NUMBER OF SEQ ID NOS: 102
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 96
; LENGTH: 4
; TYPE: DNA
; ORGANISM: Artificial
; FEATURE:
; OTHER INFORMATION: synthetic aptamer
PCT-US05-39975-96

Query Match 20.0%; Score 2; DB 1; Length 4;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 3 RC 4
|||
Db 4 RC 3

RESULT 65

US-10-134-092-6
; Sequence 6, Application US/10134092
; GENERAL INFORMATION:
; APPLICANT: THE REGENTS OF THE UNIVERSITY OF CALIFORNIA
; APPLICANT: WATERMAN, Marian L.
; APPLICANT: HOLCOMBE, Randall F.
; APPLICANT: MARSH, Lawrence J.
; APPLICANT: HOVANES, Karine
; APPLICANT: Li, Tony Wai Hung
; TITLE OF INVENTION: METHOD OF DETECTION AND TREATMENT OF COLON CANCER
; FILE REFERENCE: UC11160-2
; CURRENT APPLICATION NUMBER: US/10/134,092
; CURRENT FILING DATE: 2002-04-25
; PRIOR APPLICATION NUMBER: US 10/060,844
; PRIOR FILING DATE: 2002-01-29
; PRIOR APPLICATION NUMBER: US 60/265,264
; PRIOR FILING DATE: 2001-01-30
; NUMBER OF SEQ ID NOS: 8
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 6
; LENGTH: 8
; TYPE: DNA
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: Synthetic construct
US-10-134-092-6

Query Match 20.0%; Score 2; DB 6; Length 8;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 5 WW 6
|||
Db 7 WW 8

```
Db          7 WW 8

RESULT 66
US-10-134-092-6/c
; Sequence 6, Application US/10134092
; GENERAL INFORMATION:
; APPLICANT: THE REGENTS OF THE UNIVERSITY OF CALIFORNIA
; APPLICANT: WATERMAN, Marian L.
; APPLICANT: HOLCOMBE, Randall F.
; APPLICANT: MARSH, Lawrence J.
; APPLICANT: HOVANES, Karine
; APPLICANT: LI, Tony Wai Hung
; TITLE OF INVENTION: METHOD OF DETECTION AND TREATMENT OF COLON CANCER
; FILE REFERENCE: UC1160-2
; CURRENT APPLICATION NUMBER: US/10/134,092
; CURRENT FILING DATE: 2002-04-25
; PRIOR APPLICATION NUMBER: US 10/060,844
; PRIOR FILING DATE: 2002-01-29
; PRIOR APPLICATION NUMBER: US 60/265,264
; PRIOR FILING DATE: 2001-01-30
; NUMBER OF SEQ ID NOS: 8
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 6
; LENGTH: 8
; TYPE: DNA
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: Synthetic construct
US-10-134-092-6

Query Match          20.0%; Score 2; DB 6; Length 8;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY          5 WW 6
           ||
Db          8 WW 7

RESULT 67
US-10-134-092-6
; Sequence 6, Application US/10134092
; GENERAL INFORMATION:
; APPLICANT: THE REGENTS OF THE UNIVERSITY OF CALIFORNIA
; APPLICANT: WATERMAN, Marian L.
; APPLICANT: HOLCOMBE, Randall F.
; APPLICANT: MARSH, Lawrence J.
; APPLICANT: HOVANES, Karine
; APPLICANT: LI, Tony Wai Hung
; TITLE OF INVENTION: METHOD OF DETECTION AND TREATMENT OF COLON CANCER
; FILE REFERENCE: UC1160-2
; CURRENT APPLICATION NUMBER: US/10/134,092
; CURRENT FILING DATE: 2002-04-25
; PRIOR APPLICATION NUMBER: US 10/060,844
; PRIOR FILING DATE: 2002-01-29
; PRIOR APPLICATION NUMBER: US 60/265,264
; PRIOR FILING DATE: 2001-01-30
; NUMBER OF SEQ ID NOS: 8
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 6
; LENGTH: 8
; TYPE: DNA
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: Synthetic construct
US-10-134-092-6

Query Match          20.0%; Score 2; DB 7; Length 8;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY          5 WW 6
           ||
Db          8 WW 7

RESULT 68
US-10-134-092-6/c
; Sequence 6, Application US/10134092
; GENERAL INFORMATION:
; APPLICANT: THE REGENTS OF THE UNIVERSITY OF CALIFORNIA
; APPLICANT: WATERMAN, Marian L.
; APPLICANT: HOLCOMBE, Randall F.
; APPLICANT: MARSH, Lawrence J.
; APPLICANT: HOVANES, Karine
; APPLICANT: LI, Tony Wai Hung
; TITLE OF INVENTION: METHOD OF DETECTION AND TREATMENT OF COLON CANCER
; FILE REFERENCE: UC1160-2
; CURRENT APPLICATION NUMBER: US/10/134,092
; CURRENT FILING DATE: 2002-04-25
; PRIOR APPLICATION NUMBER: US 10/060,844
; PRIOR FILING DATE: 2002-01-29
; PRIOR APPLICATION NUMBER: US 60/265,264
; PRIOR FILING DATE: 2001-01-30
; NUMBER OF SEQ ID NOS: 8
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 6
; LENGTH: 8
; TYPE: DNA
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: Synthetic construct
US-10-134-092-6

Query Match          20.0%; Score 2; DB 7; Length 8;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY          5 WW 6
           ||
Db          8 WW 7

RESULT 69
PCT-US05-44273-9
; Sequence 9, Application PC/TUS0544273
; GENERAL INFORMATION:
; APPLICANT: Rosendahl, Mary S.
; TITLE OF INVENTION: Enzyme Conjugates For Use As Detoxifying Agents
; FILE REFERENCE: 4152-15-PCT
; CURRENT APPLICATION NUMBER: PCT/US05/44273
; CURRENT FILING DATE: 2005-12-06
; PRIOR APPLICATION NUMBER: 60/633,745
; PRIOR FILING DATE: 2004-12-06
; NUMBER OF SEQ ID NOS: 11
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 9
; LENGTH: 10
; TYPE: DNA
; ORGANISM: Artificial
; FEATURE:
; OTHER INFORMATION: Kozak Sequence
PCT-US05-44273-9

Query Match          20.0%; Score 2; DB 1; Length 10;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY          3 RC 4
           ||
Db          4 RC 5

RESULT 70
PCT-US05-44273-9/c
; Sequence 9, Application PC/TUS0544273
```

```
; GENERAL INFORMATION:
; APPLICANT: Rosendahl, Mary S.
; TITLE OF INVENTION: Enzyme Conjugates For Use As Detoxifying Agents
; FILE REFERENCE: 4152-15-PCT
; CURRENT APPLICATION NUMBER: PCT/US05/44273
; CURRENT FILING DATE: 2005-12-06
; PRIOR APPLICATION NUMBER: 60/633,745
; PRIOR FILING DATE: 2004-12-06
; NUMBER OF SEQ ID NOS: 11
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 9
; LENGTH: 10
; TYPE: DNA
; ORGANISM: Artificial
; FEATURE:
; OTHER INFORMATION: Kozak Sequence
PCT-US05-44273-9

Query Match          20.0%; Score 2; DB 1; Length 10;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      7 GY 8
        ||
DB      5 GY 4

RESULT 71
US-10-562-408-1
; Sequence 1, Application US/10562408
; GENERAL INFORMATION:
; APPLICANT: You, Jun
; APPLICANT: IIDA, Akihiro
; APPLICANT: Hasegawa, Mamoru
; TITLE OF INVENTION: Minus Strand RNA Virus Vector Carrying Gene Modified In High
; TITLE OF INVENTION: Mutation Region
; FILE REFERENCE: 50026/057001
; CURRENT APPLICATION NUMBER: US/10/562,408
; CURRENT FILING DATE: 2005-12-23
; PRIOR APPLICATION NUMBER: PCT/JP04/009617
; PRIOR FILING DATE: 2004-06-30
; PRIOR APPLICATION NUMBER: JP 2003-187312
; PRIOR FILING DATE: 2003-06-30
; NUMBER OF SEQ ID NOS: 110
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 1
; LENGTH: 10
; TYPE: DNA
; ORGANISM: Artificial
; FEATURE:
; OTHER INFORMATION: a mutagenic sequence for minus strand RNA virus
US-10-562-408-1

Query Match          20.0%; Score 2; DB 6; Length 10;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      8 YY 9
        ||
DB      9 YY 10

RESULT 72
US-10-562-408-1/c
; Sequence 1, Application US/10562408
; GENERAL INFORMATION:
; APPLICANT: You, Jun
; APPLICANT: IIDA, Akihiro
; APPLICANT: Hasegawa, Mamoru
; TITLE OF INVENTION: Minus Strand RNA Virus Vector Carrying Gene Modified In High
; TITLE OF INVENTION: Mutation Region
; FILE REFERENCE: 50026/057001
; CURRENT APPLICATION NUMBER: US/10/562,408
```

```
; CURRENT FILING DATE: 2005-12-23
; PRIOR APPLICATION NUMBER: PCT/JP04/009617
; PRIOR FILING DATE: 2004-06-30
; PRIOR APPLICATION NUMBER: JP 2003-187312
; CURRENT FILING DATE: 2003-06-30
; NUMBER OF SEQ ID NOS: 110
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 1
; LENGTH: 10
; TYPE: DNA
; ORGANISM: Artificial
; FEATURE:
; OTHER INFORMATION: a mutagenic sequence for minus strand RNA virus
US-10-562-408-1

Query Match          20.0%; Score 2; DB 6; Length 10;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1 RR 2
        ||
DB      10 RR 9

RESULT 73
US-10-562-408-6
; Sequence 6, Application US/10562408
; GENERAL INFORMATION:
; APPLICANT: You, Jun
; APPLICANT: IIDA, Akihiro
; APPLICANT: Hasegawa, Mamoru
; TITLE OF INVENTION: Minus Strand RNA Virus Vector Carrying Gene Modified In High
; TITLE OF INVENTION: Mutation Region
; FILE REFERENCE: 50026/057001
; CURRENT APPLICATION NUMBER: US/10/562,408
; CURRENT FILING DATE: 2005-12-23
; PRIOR APPLICATION NUMBER: PCT/JP04/009617
; PRIOR FILING DATE: 2004-06-30
; PRIOR APPLICATION NUMBER: JP 2003-187312
; PRIOR FILING DATE: 2003-06-30
; NUMBER OF SEQ ID NOS: 110
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 6
; LENGTH: 10
; TYPE: RNA
; ORGANISM: Artificial
; FEATURE:
; OTHER INFORMATION: an example of S sequence of Sendai virus
US-10-562-408-6

Query Match          20.0%; Score 2; DB 6; Length 10;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      4 CW 5
        ||
DB      1 CW 2

RESULT 74
US-10-562-408-6/c
; Sequence 6, Application US/10562408
; GENERAL INFORMATION:
; APPLICANT: You, Jun
; APPLICANT: IIDA, Akihiro
; APPLICANT: Hasegawa, Mamoru
; TITLE OF INVENTION: Minus Strand RNA Virus Vector Carrying Gene Modified In High
; TITLE OF INVENTION: Mutation Region
; FILE REFERENCE: 50026/057001
; CURRENT APPLICATION NUMBER: US/10/562,408
; CURRENT FILING DATE: 2005-12-23
; PRIOR APPLICATION NUMBER: PCT/JP04/009617
; PRIOR FILING DATE: 2004-06-30
```

; PRIOR APPLICATION NUMBER: JP 2003-187312
; PRIOR FILING DATE: 2003-06-30
; NUMBER OF SEQ ID NOS: 110
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 6
; LENGTH: 10
; TYPE: RNA
; ORGANISM: Artificial
; FEATURE:
; OTHER INFORMATION: an example of S sequence of Sendai virus
US-10-562-408-6

Query Match 20.0%; Score 2; DB 6; Length 10;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 6 WW 7
Db ||
2 WG 1

RESULT 75
US-10-562-408-74
; Sequence 74, Application US/10562408
; GENERAL INFORMATION:
; APPLICANT: You, Jun
; APPLICANT: IIDA, Akihiro
; APPLICANT: Hasegawa, Mamoru
; TITLE OF INVENTION: Minus Strand RNA Virus Vector Carrying Gene Modified In High
; FILE REFERENCE: 50026/057001
; CURRENT APPLICATION NUMBER: US/10/562,408
; PRIOR FILING DATE: 2005-12-23
; PRIOR APPLICATION NUMBER: PCT/JP04/009617
; PRIOR FILING DATE: 2004-06-30
; PRIOR APPLICATION NUMBER: JP 2003-187312
; PRIOR FILING DATE: 2003-06-30
; NUMBER OF SEQ ID NOS: 110
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 74
; LENGTH: 10
; TYPE: RNA
; ORGANISM: Artificial
; FEATURE:
; OTHER INFORMATION: an example of E sequence
US-10-562-408-74

Query Match 20.0%; Score 2; DB 6; Length 10;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 5 WW 6
Db ||
5 WW 6

RESULT 76
US-10-562-408-74/c
; Sequence 74, Application US/10562408
; GENERAL INFORMATION:
; APPLICANT: You, Jun
; APPLICANT: IIDA, Akihiro
; APPLICANT: Hasegawa, Mamoru
; TITLE OF INVENTION: Minus Strand RNA Virus Vector Carrying Gene Modified In High
; FILE REFERENCE: 50026/057001
; CURRENT APPLICATION NUMBER: US/10/562,408
; PRIOR FILING DATE: 2005-12-23
; PRIOR APPLICATION NUMBER: PCT/JP04/009617
; PRIOR FILING DATE: 2004-06-30
; PRIOR APPLICATION NUMBER: JP 2003-187312
; PRIOR FILING DATE: 2003-06-30
; NUMBER OF SEQ ID NOS: 110

; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 74
; LENGTH: 10
; TYPE: RNA
; ORGANISM: Artificial
; FEATURE:
; OTHER INFORMATION: an example of E sequence
US-10-562-408-74

Query Match 20.0%; Score 2; DB 6; Length 10;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 5 WW 6
Db ||
7 WW 6

RESULT 77
US-10-562-408-84
; Sequence 84, Application US/10562408
; GENERAL INFORMATION:
; APPLICANT: You, Jun
; APPLICANT: IIDA, Akihiro
; APPLICANT: Hasegawa, Mamoru
; TITLE OF INVENTION: Minus Strand RNA Virus Vector Carrying Gene Modified In High
; FILE REFERENCE: 50026/057001
; CURRENT APPLICATION NUMBER: US/10/562,408
; PRIOR FILING DATE: 2005-12-23
; PRIOR APPLICATION NUMBER: PCT/JP04/009617
; PRIOR FILING DATE: 2004-06-30
; PRIOR APPLICATION NUMBER: JP 2003-187312
; PRIOR FILING DATE: 2003-06-30
; NUMBER OF SEQ ID NOS: 110
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 84
; LENGTH: 10
; TYPE: RNA
; ORGANISM: Artificial
; FEATURE:
; OTHER INFORMATION: an example of E sequence
US-10-562-408-84

Query Match 20.0%; Score 2; DB 6; Length 10;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 5 WW 6
Db ||
7 WW 8

RESULT 78
US-10-562-408-84/c
; Sequence 84, Application US/10562408
; GENERAL INFORMATION:
; APPLICANT: You, Jun
; APPLICANT: IIDA, Akihiro
; APPLICANT: Hasegawa, Mamoru
; TITLE OF INVENTION: Minus Strand RNA Virus Vector Carrying Gene Modified In High
; FILE REFERENCE: 50026/057001
; CURRENT APPLICATION NUMBER: US/10/562,408
; PRIOR FILING DATE: 2005-12-23
; PRIOR APPLICATION NUMBER: PCT/JP04/009617
; PRIOR FILING DATE: 2004-06-30
; PRIOR APPLICATION NUMBER: JP 2003-187312
; PRIOR FILING DATE: 2003-06-30
; NUMBER OF SEQ ID NOS: 110
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 84
; LENGTH: 10


```
; SEQ ID NO 1
; LENGTH: 10
; TYPE: DNA
; ORGANISM: Artificial
; FEATURE:
; OTHER INFORMATION: a mutagenic sequence for minus strand RNA virus
US-10-562-408-1

Query Match          20.0%; Score 2; DB 7; Length 10;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1 RR 2
Db      10 RR 9

RESULT 83
US-10-562-408-6
; Sequence 6, Application US/10562408
; GENERAL INFORMATION:
; APPLICANT: You, Jun
; APPLICANT: IIDA, Akihiro
; APPLICANT: Hasegawa, Mamoru
; TITLE OF INVENTION: Minus Strand RNA Virus Vector Carrying Gene Modified In High
; TITLE OF INVENTION: Mutation Region
; FILE REFERENCE: 50026/057001
; CURRENT APPLICATION NUMBER: US/10/562,408
; CURRENT FILING DATE: 2005-12-23
; PRIOR APPLICATION NUMBER: PCT/JP04/009617
; PRIOR FILING DATE: 2004-06-30
; PRIOR APPLICATION NUMBER: JP 2003-187312
; PRIOR FILING DATE: 2003-06-30
; NUMBER OF SEQ ID NOS: 110
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 6
; LENGTH: 10
; TYPE: RNA
; ORGANISM: Artificial
; FEATURE:
; OTHER INFORMATION: an example of S sequence of Sendai virus
US-10-562-408-6

Query Match          20.0%; Score 2; DB 7; Length 10;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      4 CW 5
Db      1 CW 2

RESULT 84
US-10-562-408-6/c
; Sequence 6, Application US/10562408
; GENERAL INFORMATION:
; APPLICANT: You, Jun
; APPLICANT: IIDA, Akihiro
; APPLICANT: Hasegawa, Mamoru
; TITLE OF INVENTION: Minus Strand RNA Virus Vector Carrying Gene Modified In High
; TITLE OF INVENTION: Mutation Region
; FILE REFERENCE: 50026/057001
; CURRENT APPLICATION NUMBER: US/10/562,408
; CURRENT FILING DATE: 2005-12-23
; PRIOR APPLICATION NUMBER: PCT/JP04/009617
; PRIOR FILING DATE: 2004-06-30
; PRIOR APPLICATION NUMBER: JP 2003-187312
; PRIOR FILING DATE: 2003-06-30
; NUMBER OF SEQ ID NOS: 110
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 6
; LENGTH: 10
; TYPE: RNA
; ORGANISM: Artificial
; FEATURE:
; OTHER INFORMATION: an example of S sequence of Sendai virus
US-10-562-408-6/c

Query Match          20.0%; Score 2; DB 7; Length 10;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      5 WW 6
Db      5 WW 6

RESULT 85
US-10-562-408-74
; Sequence 74, Application US/10562408
; GENERAL INFORMATION:
; APPLICANT: You, Jun
; APPLICANT: IIDA, Akihiro
; APPLICANT: Hasegawa, Mamoru
; TITLE OF INVENTION: Minus Strand RNA Virus Vector Carrying Gene Modified In High
; TITLE OF INVENTION: Mutation Region
; FILE REFERENCE: 50026/057001
; CURRENT APPLICATION NUMBER: US/10/562,408
; CURRENT FILING DATE: 2005-12-23
; PRIOR APPLICATION NUMBER: PCT/JP04/009617
; PRIOR FILING DATE: 2004-06-30
; PRIOR APPLICATION NUMBER: JP 2003-187312
; PRIOR FILING DATE: 2003-06-30
; NUMBER OF SEQ ID NOS: 110
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 74
; LENGTH: 10
; TYPE: RNA
; ORGANISM: Artificial
; FEATURE:
; OTHER INFORMATION: an example of E sequence
US-10-562-408-74

Query Match          20.0%; Score 2; DB 7; Length 10;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      5 WW 6
Db      5 WW 6

RESULT 86
US-10-562-408-74/c
; Sequence 74, Application US/10562408
; GENERAL INFORMATION:
; APPLICANT: You, Jun
; APPLICANT: IIDA, Akihiro
; APPLICANT: Hasegawa, Mamoru
; TITLE OF INVENTION: Minus Strand RNA Virus Vector Carrying Gene Modified In High
; TITLE OF INVENTION: Mutation Region
; FILE REFERENCE: 50026/057001
; CURRENT APPLICATION NUMBER: US/10/562,408
; CURRENT FILING DATE: 2005-12-23
; PRIOR APPLICATION NUMBER: PCT/JP04/009617
; PRIOR FILING DATE: 2004-06-30
; PRIOR APPLICATION NUMBER: JP 2003-187312
; PRIOR FILING DATE: 2003-06-30
; NUMBER OF SEQ ID NOS: 110
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 74
; LENGTH: 10
; TYPE: RNA
; ORGANISM: Artificial
; FEATURE:
; OTHER INFORMATION: an example of E sequence
US-10-562-408-74/c
```

US-10-562-408-74

Query Match 20.0%; Score 2; DB 7; Length 10;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 5 WW 6
Db 7 WW 6

RESULT 87

US-10-562-408-84
; Sequence 84, Application US/10562408
; GENERAL INFORMATION:
; APPLICANT: You, Jun
; APPLICANT: IIDA, Akihito
; APPLICANT: Hasegawa, Mamoru
; TITLE OF INVENTION: Minus Strand RNA Virus Vector Carrying Gene Modified In High
; TITLE OF INVENTION: Mutation Region
; FILE REFERENCE: 50026/057001
; CURRENT APPLICATION NUMBER: US/10/562,408
; CURRENT FILING DATE: 2005-12-23
; PRIOR APPLICATION NUMBER: PCT/JP04/009617
; PRIOR FILING DATE: 2004-06-30
; PRIOR APPLICATION NUMBER: JP 2003-187312
; PRIOR FILING DATE: 2003-06-30
; NUMBER OF SEQ ID NOS: 110
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 84
; LENGTH: 10
; TYPE: RNA
; ORGANISM: Artificial
; FEATURE:
; OTHER INFORMATION: an example of E sequence

US-10-562-408-84

Query Match 20.0%; Score 2; DB 7; Length 10;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 5 WW 6
Db 7 WW 8

RESULT 88

US-10-562-408-84/c
; Sequence 84, Application US/10562408
; GENERAL INFORMATION:
; APPLICANT: You, Jun
; APPLICANT: IIDA, Akihito
; APPLICANT: Hasegawa, Mamoru
; TITLE OF INVENTION: Minus Strand RNA Virus Vector Carrying Gene Modified In High
; TITLE OF INVENTION: Mutation Region
; FILE REFERENCE: 50026/057001
; CURRENT APPLICATION NUMBER: US/10/562,408
; CURRENT FILING DATE: 2005-12-23
; PRIOR APPLICATION NUMBER: PCT/JP04/009617
; PRIOR FILING DATE: 2004-06-30
; PRIOR APPLICATION NUMBER: JP 2003-187312
; PRIOR FILING DATE: 2003-06-30
; NUMBER OF SEQ ID NOS: 110
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 84
; LENGTH: 10
; TYPE: RNA
; ORGANISM: Artificial
; FEATURE:
; OTHER INFORMATION: an example of E sequence

US-10-562-408-84

Query Match 20.0%; Score 2; DB 7; Length 10;

Best Local Similarity 100.0%; Pred. No. 0;
Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 5 WW 6
Db 8 WW 7

RESULT 89

US-11-285-364-51
; Sequence 51, Application US/11285364
; GENERAL INFORMATION:
; APPLICANT: Schuetz, Erin
; APPLICANT: Zhang, Joing
; APPLICANT: Assem, Mahfoud
; TITLE OF INVENTION: Genotyping Assay to Predict CYP3A5
; TITLE OF INVENTION: Phenotype
; FILE REFERENCE: S00029US.D1
; CURRENT APPLICATION NUMBER: US/11/285,364
; CURRENT FILING DATE: 2005-11-22
; PRIOR APPLICATION NUMBER: 09/974,619
; PRIOR FILING DATE: 2001-10-10
; PRIOR APPLICATION NUMBER: 60/279,915
; PRIOR FILING DATE: 2001-03-29
; NUMBER OF SEQ ID NOS: 74
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 51
; LENGTH: 10
; TYPE: DNA
; ORGANISM: Homo sapien
; OTHER INFORMATION: an example of E sequence

US-11-285-364-51

Query Match 20.0%; Score 2; DB 11; Length 10;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 3 RC 4
Db 2 RC 3

RESULT 90

US-11-285-364-51/c
; Sequence 51, Application US/11285364
; GENERAL INFORMATION:
; APPLICANT: Schuetz, Erin
; APPLICANT: Zhang, Joing
; APPLICANT: Assem, Mahfoud
; TITLE OF INVENTION: Genotyping Assay to Predict CYP3A5
; TITLE OF INVENTION: Phenotype
; FILE REFERENCE: S00029US.D1
; CURRENT APPLICATION NUMBER: US/11/285,364
; CURRENT FILING DATE: 2005-11-22
; PRIOR APPLICATION NUMBER: 09/974,619
; PRIOR FILING DATE: 2001-10-10
; PRIOR APPLICATION NUMBER: 60/279,915
; PRIOR FILING DATE: 2001-03-29
; NUMBER OF SEQ ID NOS: 74
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 51
; LENGTH: 10
; TYPE: DNA
; ORGANISM: Homo sapien
; OTHER INFORMATION: an example of E sequence

US-11-285-364-51

Query Match 20.0%; Score 2; DB 11; Length 10;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 7 GY 8
Db 3 GY 2

RESULT 91
US-10-562-408-2
; Sequence 2, Application US/10562408
; GENERAL INFORMATION:
; APPLICANT: You, Jun
; APPLICANT: IIDA, Akihiro
; APPLICANT: Hasegawa, Mamoru
; TITLE OF INVENTION: Minus Strand RNA Virus Vector Carrying Gene Modified In High
; TITLE OF INVENTION: Mutation Region
; FILE REFERENCE: 50026/057001
; CURRENT APPLICATION NUMBER: US/10/562,408
; CURRENT FILING DATE: 2005-12-23
; PRIOR APPLICATION NUMBER: PCT/JP04/009617
; PRIOR FILING DATE: 2004-06-30
; PRIOR APPLICATION NUMBER: JP 2003-187312
; PRIOR FILING DATE: 2003-06-30
; NUMBER OF SEQ ID NOS: 110
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 2
; LENGTH: 11
; TYPE: DNA
; ORGANISM: Artificial
; FEATURE:
; OTHER INFORMATION: a mutagenic sequence for minus strand RNA viruses
US-10-562-408-2

Query Match 20.0%; Score 2; DB 6; Length 11;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 8 YY 9
||
DB 10 YY 11

RESULT 92
US-10-562-408-2/c
; Sequence 2, Application US/10562408
; GENERAL INFORMATION:
; APPLICANT: You, Jun
; APPLICANT: IIDA, Akihiro
; APPLICANT: Hasegawa, Mamoru
; TITLE OF INVENTION: Minus Strand RNA Virus Vector Carrying Gene Modified In High
; TITLE OF INVENTION: Mutation Region
; FILE REFERENCE: 50026/057001
; CURRENT APPLICATION NUMBER: US/10/562,408
; CURRENT FILING DATE: 2005-12-23
; PRIOR APPLICATION NUMBER: PCT/JP04/009617
; PRIOR FILING DATE: 2004-06-30
; PRIOR APPLICATION NUMBER: JP 2003-187312
; PRIOR FILING DATE: 2003-06-30
; NUMBER OF SEQ ID NOS: 110
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 2
; LENGTH: 11
; TYPE: DNA
; ORGANISM: Artificial
; FEATURE:
; OTHER INFORMATION: a mutagenic sequence for minus strand RNA viruses
US-10-562-408-2

Query Match 20.0%; Score 2; DB 6; Length 11;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 RR 2
||
DB 11 RR 10

RESULT 93
US-10-562-408-60

; Sequence 60, Application US/10562408
; GENERAL INFORMATION:
; APPLICANT: You, Jun
; APPLICANT: IIDA, Akihiro
; APPLICANT: Hasegawa, Mamoru
; TITLE OF INVENTION: Minus Strand RNA Virus Vector Carrying Gene Modified In High
; TITLE OF INVENTION: Mutation Region
; FILE REFERENCE: 50026/057001
; CURRENT APPLICATION NUMBER: US/10/562,408
; CURRENT FILING DATE: 2005-12-23
; PRIOR APPLICATION NUMBER: PCT/JP04/009617
; PRIOR FILING DATE: 2004-06-30
; PRIOR APPLICATION NUMBER: JP 2003-187312
; PRIOR FILING DATE: 2003-06-30
; NUMBER OF SEQ ID NOS: 110
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 60
; LENGTH: 11
; TYPE: RNA
; ORGANISM: Artificial
; FEATURE:
; OTHER INFORMATION: an example of E sequence
US-10-562-408-60

Query Match 20.0%; Score 2; DB 6; Length 11;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 5 WW 6
||
DB 9 WW 10

RESULT 94
US-10-562-408-60/c
; Sequence 60, Application US/10562408
; GENERAL INFORMATION:
; APPLICANT: You, Jun
; APPLICANT: IIDA, Akihiro
; APPLICANT: Hasegawa, Mamoru
; TITLE OF INVENTION: Minus Strand RNA Virus Vector Carrying Gene Modified In High
; TITLE OF INVENTION: Mutation Region
; FILE REFERENCE: 50026/057001
; CURRENT APPLICATION NUMBER: US/10/562,408
; CURRENT FILING DATE: 2005-12-23
; PRIOR APPLICATION NUMBER: PCT/JP04/009617
; PRIOR FILING DATE: 2004-06-30
; PRIOR APPLICATION NUMBER: JP 2003-187312
; PRIOR FILING DATE: 2003-06-30
; NUMBER OF SEQ ID NOS: 110
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 60
; LENGTH: 11
; TYPE: RNA
; ORGANISM: Artificial
; FEATURE:
; OTHER INFORMATION: an example of E sequence
US-10-562-408-60

Query Match 20.0%; Score 2; DB 6; Length 11;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 5 WW 6
||
DB 10 WW 9

RESULT 95
US-10-562-408-85
; Sequence 85, Application US/10562408
; GENERAL INFORMATION:
; APPLICANT: You, Jun

; APPLICANT: IIDA, Akihiro
 ; APPLICANT: Hasegawa, Mamoru
 ; TITLE OF INVENTION: Minus Strand RNA Virus Vector Carrying Gene Modified In High
 ; TITLE OF INVENTION: Mutation Region
 ; FILE REFERENCE: 50026/057001
 ; CURRENT APPLICATION NUMBER: US/10/562,408
 ; CURRENT FILING DATE: 2005-12-23
 ; PRIOR APPLICATION NUMBER: PCT/JP04/009617
 ; PRIOR FILING DATE: 2004-06-30
 ; PRIOR APPLICATION NUMBER: JP 2003-187312
 ; PRIOR FILING DATE: 2003-06-30
 ; NUMBER OF SEQ ID NOS: 110
 ; SOFTWARE: PatentIn version 3.3
 ; SEQ ID NO 85
 ; LENGTH: 11
 ; TYPE: RNA
 ; ORGANISM: Artificial
 ; FEATURE:
 ; OTHER INFORMATION: an example of E sequence
 US-10-562-408-85

Query Match 20.0%; Score 2; DB 6; Length 11;
 Best Local Similarity 100.0%; Pred. No. 0;
 Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 5 WW 6
 ||
 Db 8 WW 9

RESULT 96
 US-10-562-408-85/c
 ; Sequence 85, Application US/10562408
 ; GENERAL INFORMATION:
 ; APPLICANT: You, Jun
 ; APPLICANT: IIDA, Akihiro
 ; APPLICANT: Hasegawa, Mamoru
 ; TITLE OF INVENTION: Minus Strand RNA Virus Vector Carrying Gene Modified In High
 ; TITLE OF INVENTION: Mutation Region
 ; FILE REFERENCE: 50026/057001
 ; CURRENT APPLICATION NUMBER: US/10/562,408
 ; CURRENT FILING DATE: 2005-12-23
 ; PRIOR APPLICATION NUMBER: PCT/JP04/009617
 ; PRIOR FILING DATE: 2004-06-30
 ; PRIOR APPLICATION NUMBER: JP 2003-187312
 ; PRIOR FILING DATE: 2003-06-30
 ; NUMBER OF SEQ ID NOS: 110
 ; SOFTWARE: PatentIn version 3.3
 ; SEQ ID NO 85
 ; LENGTH: 11
 ; TYPE: RNA
 ; ORGANISM: Artificial
 ; FEATURE:
 ; OTHER INFORMATION: an example of E sequence
 US-10-562-408-85

Query Match 20.0%; Score 2; DB 6; Length 11;
 Best Local Similarity 100.0%; Pred. No. 0;
 Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 5 WW 6
 ||
 Db 9 WW 8

RESULT 97
 US-10-562-408-2
 ; Sequence 2, Application US/10562408
 ; GENERAL INFORMATION:
 ; APPLICANT: You, Jun
 ; APPLICANT: IIDA, Akihiro
 ; APPLICANT: Hasegawa, Mamoru
 ; TITLE OF INVENTION: Minus Strand RNA Virus Vector Carrying Gene Modified In High

; TITLE OF INVENTION: Mutation Region
 ; FILE REFERENCE: 50026/057001
 ; CURRENT APPLICATION NUMBER: US/10/562,408
 ; CURRENT FILING DATE: 2005-12-23
 ; PRIOR APPLICATION NUMBER: PCT/JP04/009617
 ; PRIOR FILING DATE: 2004-06-30
 ; PRIOR APPLICATION NUMBER: JP 2003-187312
 ; PRIOR FILING DATE: 2003-06-30
 ; NUMBER OF SEQ ID NOS: 110
 ; SOFTWARE: PatentIn version 3.3
 ; SEQ ID NO 2
 ; LENGTH: 11
 ; TYPE: DNA
 ; ORGANISM: Artificial
 ; FEATURE:
 ; OTHER INFORMATION: a mutagenic sequence for minus strand RNA viruses
 US-10-562-408-2

Query Match 20.0%; Score 2; DB 7; Length 11;
 Best Local Similarity 100.0%; Pred. No. 0;
 Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 8 YY 9
 ||
 Db 10 YY 11

RESULT 98
 US-10-562-408-2/c
 ; Sequence 2, Application US/10562408
 ; GENERAL INFORMATION:
 ; APPLICANT: You, Jun
 ; APPLICANT: IIDA, Akihiro
 ; APPLICANT: Hasegawa, Mamoru
 ; TITLE OF INVENTION: Minus Strand RNA Virus Vector Carrying Gene Modified In High
 ; TITLE OF INVENTION: Mutation Region
 ; FILE REFERENCE: 50026/057001
 ; CURRENT APPLICATION NUMBER: US/10/562,408
 ; CURRENT FILING DATE: 2005-12-23
 ; PRIOR APPLICATION NUMBER: PCT/JP04/009617
 ; PRIOR FILING DATE: 2004-06-30
 ; PRIOR APPLICATION NUMBER: JP 2003-187312
 ; PRIOR FILING DATE: 2003-06-30
 ; NUMBER OF SEQ ID NOS: 110
 ; SOFTWARE: PatentIn version 3.3
 ; SEQ ID NO 2
 ; LENGTH: 11
 ; TYPE: DNA
 ; ORGANISM: Artificial
 ; FEATURE:
 ; OTHER INFORMATION: a mutagenic sequence for minus strand RNA viruses
 US-10-562-408-2

Query Match 20.0%; Score 2; DB 7; Length 11;
 Best Local Similarity 100.0%; Pred. No. 0;
 Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 RR 2
 ||
 Db 11 RR 10

RESULT 99
 US-10-562-408-60
 ; Sequence 60, Application US/10562408
 ; GENERAL INFORMATION:
 ; APPLICANT: You, Jun
 ; APPLICANT: IIDA, Akihiro
 ; APPLICANT: Hasegawa, Mamoru
 ; TITLE OF INVENTION: Minus Strand RNA Virus Vector Carrying Gene Modified In High
 ; TITLE OF INVENTION: Mutation Region
 ; FILE REFERENCE: 50026/057001
 ; CURRENT APPLICATION NUMBER: US/10/562,408

; CURRENT FILING DATE: 2005-12-23
; PRIOR APPLICATION NUMBER: PCT/JP04/009617
; PRIOR FILING DATE: 2004-06-30
; PRIOR APPLICATION NUMBER: JP 2003-187312
; PRIOR FILING DATE: 2003-06-30
; NUMBER OF SEQ ID NOS: 110
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 60
; LENGTH: 11
; TYPE: RNA
; ORGANISM: Artificial
; FEATURE:
; OTHER INFORMATION: an example of E sequence
US-10-562-408-60

Query Match 20.0%; Score 2; DB 7; Length 11;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 5 WW 6
Db 9 WW 10

RESULT 100
US-10-562-408-60/c
; Sequence 60, Application US/10562408
; GENERAL INFORMATION:
; APPLICANT: You, Jun
; APPLICANT: IIDA, Akihiro
; APPLICANT: Hasegawa, Mamoru
; TITLE OF INVENTION: Minus Strand RNA Virus Vector Carrying Gene Modified In High
; TITLE OF INVENTION: Mutation Region
; FILE REFERENCE: 50026/057001
; CURRENT APPLICATION NUMBER: US/10/562,408
; CURRENT FILING DATE: 2005-12-23
; PRIOR APPLICATION NUMBER: PCT/JP04/009617
; PRIOR FILING DATE: 2004-06-30
; PRIOR APPLICATION NUMBER: JP 2003-187312
; PRIOR FILING DATE: 2003-06-30
; NUMBER OF SEQ ID NOS: 110
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 60
; LENGTH: 11
; TYPE: RNA
; ORGANISM: Artificial
; FEATURE:
; OTHER INFORMATION: an example of E sequence
US-10-562-408-60

Query Match 20.0%; Score 2; DB 7; Length 11;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 5 WW 6
Db 10 WW 9

RESULT 101
US-10-562-408-85
; Sequence 85, Application US/10562408
; GENERAL INFORMATION:
; APPLICANT: You, Jun
; APPLICANT: IIDA, Akihiro
; APPLICANT: Hasegawa, Mamoru
; TITLE OF INVENTION: Minus Strand RNA Virus Vector Carrying Gene Modified In High
; TITLE OF INVENTION: Mutation Region
; FILE REFERENCE: 50026/057001
; CURRENT APPLICATION NUMBER: US/10/562,408
; CURRENT FILING DATE: 2005-12-23
; PRIOR APPLICATION NUMBER: PCT/JP04/009617
; PRIOR FILING DATE: 2004-06-30

; PRIOR APPLICATION NUMBER: JP 2003-187312
; PRIOR FILING DATE: 2003-06-30
; NUMBER OF SEQ ID NOS: 110
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 85
; LENGTH: 11
; TYPE: RNA
; ORGANISM: Artificial
; FEATURE:
; OTHER INFORMATION: an example of E sequence
US-10-562-408-85

Query Match 20.0%; Score 2; DB 7; Length 11;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 5 WW 6
Db 8 WW 9

RESULT 102
US-10-562-408-85/c
; Sequence 85, Application US/10562408
; GENERAL INFORMATION:
; APPLICANT: You, Jun
; APPLICANT: IIDA, Akihiro
; APPLICANT: Hasegawa, Mamoru
; TITLE OF INVENTION: Minus Strand RNA Virus Vector Carrying Gene Modified In High
; TITLE OF INVENTION: Mutation Region
; FILE REFERENCE: 50026/057001
; CURRENT APPLICATION NUMBER: US/10/562,408
; CURRENT FILING DATE: 2005-12-23
; PRIOR APPLICATION NUMBER: PCT/JP04/009617
; PRIOR FILING DATE: 2004-06-30
; PRIOR APPLICATION NUMBER: JP 2003-187312
; PRIOR FILING DATE: 2003-06-30
; NUMBER OF SEQ ID NOS: 110
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 85
; LENGTH: 11
; TYPE: RNA
; ORGANISM: Artificial
; FEATURE:
; OTHER INFORMATION: an example of E sequence
US-10-562-408-85

Query Match 20.0%; Score 2; DB 7; Length 11;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 5 WW 6
Db 9 WW 8

RESULT 103
US-10-562-408-86
; Sequence 86, Application US/10562408
; GENERAL INFORMATION:
; APPLICANT: You, Jun
; APPLICANT: IIDA, Akihiro
; APPLICANT: Hasegawa, Mamoru
; TITLE OF INVENTION: Minus Strand RNA Virus Vector Carrying Gene Modified In High
; TITLE OF INVENTION: Mutation Region
; FILE REFERENCE: 50026/057001
; CURRENT APPLICATION NUMBER: US/10/562,408
; CURRENT FILING DATE: 2005-12-23
; PRIOR APPLICATION NUMBER: PCT/JP04/009617
; PRIOR FILING DATE: 2004-06-30
; PRIOR APPLICATION NUMBER: JP 2003-187312
; PRIOR FILING DATE: 2003-06-30
; NUMBER OF SEQ ID NOS: 110

; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 86
; LENGTH: 12
; TYPE: RNA
; ORGANISM: Artificial
; FEATURE:
; OTHER INFORMATION: an example of E sequence
US-10-562-408-86

Query Match 20.0%; Score 2; DB 6; Length 12;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 5 WW 6
||
Db 9 WW 10

RESULT 104
US-10-562-408-86/c
; Sequence 86, Application US/10562408
; GENERAL INFORMATION:
; APPLICANT: You, Jun
; APPLICANT: IIDA, Akihiro
; APPLICANT: Hasegawa, Mamoru
; TITLE OF INVENTION: Minus Strand RNA Virus Vector Carrying Gene Modified In High
; FILE REFERENCE: 50026/057001
; CURRENT APPLICATION NUMBER: US/10/562,408
; CURRENT FILING DATE: 2005-12-23
; PRIOR APPLICATION NUMBER: PCT/JP04/009617
; PRIOR FILING DATE: 2004-06-30
; PRIOR APPLICATION NUMBER: JP 2003-187312
; PRIOR FILING DATE: 2003-06-30
; NUMBER OF SEQ ID NOS: 110
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 86
; LENGTH: 12
; TYPE: RNA
; ORGANISM: Artificial
; FEATURE:
; OTHER INFORMATION: an example of E sequence
US-10-562-408-86

Query Match 20.0%; Score 2; DB 6; Length 12;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 5 WW 6
||
Db 10 WW 9

RESULT 105
US-10-562-408-86
; Sequence 86, Application US/10562408
; GENERAL INFORMATION:
; APPLICANT: You, Jun
; APPLICANT: IIDA, Akihiro
; APPLICANT: Hasegawa, Mamoru
; TITLE OF INVENTION: Minus Strand RNA Virus Vector Carrying Gene Modified In High
; FILE REFERENCE: 50026/057001
; CURRENT APPLICATION NUMBER: US/10/562,408
; CURRENT FILING DATE: 2005-12-23
; PRIOR APPLICATION NUMBER: PCT/JP04/009617
; PRIOR FILING DATE: 2004-06-30
; PRIOR APPLICATION NUMBER: JP 2003-187312
; PRIOR FILING DATE: 2003-06-30
; NUMBER OF SEQ ID NOS: 110
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 86
; LENGTH: 12

; TYPE: RNA
; ORGANISM: Artificial
; FEATURE:
; OTHER INFORMATION: an example of E sequence
US-10-562-408-86

Query Match 20.0%; Score 2; DB 7; Length 12;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 5 WW 6
||
Db 9 WW 10

RESULT 106
US-10-562-408-86/c
; Sequence 86, Application US/10562408
; GENERAL INFORMATION:
; APPLICANT: You, Jun
; APPLICANT: IIDA, Akihiro
; APPLICANT: Hasegawa, Mamoru
; TITLE OF INVENTION: Minus Strand RNA Virus Vector Carrying Gene Modified In High
; FILE REFERENCE: 50026/057001
; CURRENT APPLICATION NUMBER: US/10/562,408
; CURRENT FILING DATE: 2005-12-23
; PRIOR APPLICATION NUMBER: PCT/JP04/009617
; PRIOR FILING DATE: 2004-06-30
; PRIOR APPLICATION NUMBER: JP 2003-187312
; PRIOR FILING DATE: 2003-06-30
; NUMBER OF SEQ ID NOS: 110
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 86
; LENGTH: 12
; TYPE: RNA
; ORGANISM: Artificial
; FEATURE:
; OTHER INFORMATION: an example of E sequence
US-10-562-408-86

Query Match 20.0%; Score 2; DB 7; Length 12;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 5 WW 6
||
Db 10 WW 9

RESULT 107
US-09-830-972A-34
; Sequence 34, Application US/09830972A
; GENERAL INFORMATION:
; APPLICANT: Schwab, M.
; APPLICANT: Chen, M.
; TITLE OF INVENTION: NUCLEOTIDE AND PROTEIN SEQUENCES OF NOGO
; FILE REFERENCE: 10200-003-999
; CURRENT APPLICATION NUMBER: US/09/830,972A
; CURRENT FILING DATE: 2001-09-24
; PRIOR APPLICATION NUMBER: PCT/US99/26160
; PRIOR FILING DATE: 1999-11-05
; PRIOR APPLICATION NUMBER: 60/107,446
; PRIOR FILING DATE: 1998-11-06
; NUMBER OF SEQ ID NOS: 51
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 34
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-830-972A-34

Query Match 20.0%; Score 2; DB 5; Length 13;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 3 RC 4
||
Db 7 RC 8

RESULT 108
US-09-830-972A-34/c
; Sequence 34, Application US/09830972A
; GENERAL INFORMATION:
; APPLICANT: Schwab, M.
; APPLICANT: Chen, M.
; TITLE OF INVENTION: NUCLEOTIDE AND PROTEIN SEQUENCES OF NOGO
; FILE OF INVENTION: GENES AND METHODS BASED THEREON
; FILE REFERENCE: 10200-003-999
; CURRENT APPLICATION NUMBER: US/09/830, 972A
; CURRENT FILING DATE: 2001-09-24
; PRIOR APPLICATION NUMBER: PCT/US99/26160
; PRIOR FILING DATE: 1999-11-05
; PRIOR APPLICATION NUMBER: 60/107,446
; PRIOR FILING DATE: 1998-11-06
; NUMBER OF SEQ ID NOS: 51
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 34
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-830-972A-34

Query Match 20.0%; Score 2; DB 5; Length 13;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 7 GY 8
||
Db 8 GY 7

RESULT 109
US-10-562-408-87
; Sequence 87, Application US/10562408
; GENERAL INFORMATION:
; APPLICANT: You, Jun
; APPLICANT: IIDA, Akihiro
; APPLICANT: Hasegawa, Mamoru
; TITLE OF INVENTION: Minus Strand RNA Virus Vector Carrying Gene Modified In High
; FILE OF INVENTION: Mutation Region
; FILE REFERENCE: 50026/057001
; CURRENT APPLICATION NUMBER: US/10/562,408
; CURRENT FILING DATE: 2005-12-23
; PRIOR APPLICATION NUMBER: PCT/JP04/009617
; PRIOR FILING DATE: 2004-06-30
; PRIOR APPLICATION NUMBER: JP 2003-187312
; PRIOR FILING DATE: 2003-06-30
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 87
; LENGTH: 13
; TYPE: RNA
; ORGANISM: Artificial
; FEATURE:
; OTHER INFORMATION: an example of E sequence
US-10-562-408-87

Query Match 20.0%; Score 2; DB 6; Length 13;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 5 WW 6
||

Db 10 WW 11
RESULT 110
US-10-562-408-87/c
; Sequence 87, Application US/10562408
; GENERAL INFORMATION:
; APPLICANT: You, Jun
; APPLICANT: IIDA, Akihiro
; APPLICANT: Hasegawa, Mamoru
; TITLE OF INVENTION: Minus Strand RNA Virus Vector Carrying Gene Modified In High
; FILE OF INVENTION: Mutation Region
; FILE REFERENCE: 50026/057001
; CURRENT APPLICATION NUMBER: US/10/562,408
; CURRENT FILING DATE: 2005-12-23
; PRIOR APPLICATION NUMBER: PCT/JP04/009617
; PRIOR FILING DATE: 2004-06-30
; PRIOR APPLICATION NUMBER: JP 2003-187312
; PRIOR FILING DATE: 2003-06-30
; NUMBER OF SEQ ID NOS: 110
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 87
; LENGTH: 13
; TYPE: RNA
; ORGANISM: Artificial
; FEATURE:
; OTHER INFORMATION: an example of E sequence
US-10-562-408-87

Query Match 20.0%; Score 2; DB 6; Length 13;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 5 WW 6
||
Db 11 WW 10

RESULT 111
US-10-562-408-98
; Sequence 98, Application US/10562408
; GENERAL INFORMATION:
; APPLICANT: You, Jun
; APPLICANT: IIDA, Akihiro
; APPLICANT: Hasegawa, Mamoru
; TITLE OF INVENTION: Minus Strand RNA Virus Vector Carrying Gene Modified In High
; FILE OF INVENTION: Mutation Region
; FILE REFERENCE: 50026/057001
; CURRENT APPLICATION NUMBER: US/10/562,408
; CURRENT FILING DATE: 2005-12-23
; PRIOR APPLICATION NUMBER: PCT/JP04/009617
; PRIOR FILING DATE: 2004-06-30
; PRIOR APPLICATION NUMBER: JP 2003-187312
; PRIOR FILING DATE: 2003-06-30
; NUMBER OF SEQ ID NOS: 110
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 98
; LENGTH: 13
; TYPE: RNA
; ORGANISM: Artificial
; FEATURE:
; OTHER INFORMATION: an example of E sequence
US-10-562-408-98

Query Match 20.0%; Score 2; DB 6; Length 13;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 4 CW 5
||
Db 8 CW 9

```

RESULT 112
US-10-562-408-98/c
; Sequence 98, Application US/10562408
; GENERAL INFORMATION:
; APPLICANT: You, Jun
; APPLICANT: IIDA, Akihiro
; APPLICANT: Hasegawa, Mamoru
; TITLE OF INVENTION: Minus Strand RNA Virus Vector Carrying Gene Modified In High
; FILE REFERENCE: 50026/057001
; CURRENT APPLICATION NUMBER: US/10/562,408
; PRIOR FILING DATE: 2005-12-23
; PRIOR APPLICATION NUMBER: PCT/JP04/009617
; PRIOR FILING DATE: 2004-06-30
; PRIOR APPLICATION NUMBER: JP 2003-187312
; PRIOR FILING DATE: 2003-06-30
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 98
; LENGTH: 13
; TYPE: RNA
; ORGANISM: Artificial
; FEATURE:
; OTHER INFORMATION: an example of E sequence
US-10-562-408-98

Query Match      20.0%; Score 2; DB 6; Length 13;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      6 WG 7
      ||
Db      9 WG 8

RESULT 113
US-10-562-408-108
; Sequence 108, Application US/10562408
; GENERAL INFORMATION:
; APPLICANT: You, Jun
; APPLICANT: IIDA, Akihiro
; APPLICANT: Hasegawa, Mamoru
; TITLE OF INVENTION: Minus Strand RNA Virus Vector Carrying Gene Modified In High
; FILE REFERENCE: 50026/057001
; CURRENT APPLICATION NUMBER: US/10/562,408
; PRIOR FILING DATE: 2005-12-23
; PRIOR APPLICATION NUMBER: PCT/JP04/009617
; PRIOR FILING DATE: 2004-06-30
; PRIOR APPLICATION NUMBER: JP 2003-187312
; PRIOR FILING DATE: 2003-06-30
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 108
; LENGTH: 13
; TYPE: RNA
; ORGANISM: Artificial
; FEATURE:
; OTHER INFORMATION: an example of E sequence
US-10-562-408-108

Query Match      20.0%; Score 2; DB 6; Length 13;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      4 CW 5
      ||
Db      8 CW 9

RESULT 114
US-10-562-408-108/c
; Sequence 108, Application US/10562408

```

```

; GENERAL INFORMATION:
; APPLICANT: You, Jun
; APPLICANT: IIDA, Akihiro
; APPLICANT: Hasegawa, Mamoru
; TITLE OF INVENTION: Minus Strand RNA Virus Vector Carrying Gene Modified In High
; FILE REFERENCE: 50026/057001
; CURRENT APPLICATION NUMBER: US/10/562,408
; PRIOR FILING DATE: 2005-12-23
; PRIOR APPLICATION NUMBER: PCT/JP04/009617
; PRIOR FILING DATE: 2004-06-30
; PRIOR APPLICATION NUMBER: JP 2003-187312
; PRIOR FILING DATE: 2003-06-30
; NUMBER OF SEQ ID NOS: 110
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 108
; LENGTH: 13
; TYPE: RNA
; ORGANISM: Artificial
; FEATURE:
; OTHER INFORMATION: an example of E sequence
US-10-562-408-108

Query Match      20.0%; Score 2; DB 6; Length 13;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      6 WG 7
      ||
Db      9 WG 8

RESULT 115
US-10-562-408-87
; Sequence 87, Application US/10562408
; GENERAL INFORMATION:
; APPLICANT: You, Jun
; APPLICANT: IIDA, Akihiro
; APPLICANT: Hasegawa, Mamoru
; TITLE OF INVENTION: Minus Strand RNA Virus Vector Carrying Gene Modified In High
; FILE REFERENCE: 50026/057001
; CURRENT APPLICATION NUMBER: US/10/562,408
; PRIOR FILING DATE: 2005-12-23
; PRIOR APPLICATION NUMBER: PCT/JP04/009617
; PRIOR FILING DATE: 2004-06-30
; PRIOR APPLICATION NUMBER: JP 2003-187312
; PRIOR FILING DATE: 2003-06-30
; NUMBER OF SEQ ID NOS: 110
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 87
; LENGTH: 13
; TYPE: RNA
; ORGANISM: Artificial
; FEATURE:
; OTHER INFORMATION: an example of E sequence
US-10-562-408-87

Query Match      20.0%; Score 2; DB 7; Length 13;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      5 WW 6
      ||
Db      10 WW 11

RESULT 116
US-10-562-408-87/c
; Sequence 87, Application US/10562408
; GENERAL INFORMATION:
; APPLICANT: You, Jun
; APPLICANT: IIDA, Akihiro

```

```

; APPLICANT: Hasegawa, Mamoru
; TITLE OF INVENTION: Minus Strand RNA Virus Vector Carrying Gene Modified In High
; TITLE OF INVENTION: Mutation Region
; FILE REFERENCE: 50026/057001
; CURRENT APPLICATION NUMBER: US/10/562,408
; PRIOR FILING DATE: 2005-12-23
; CURRENT FILING DATE: 2005-12-23
; PRIOR APPLICATION NUMBER: PCT/JP04/009617
; PRIOR FILING DATE: 2004-06-30
; PRIOR APPLICATION NUMBER: JP 2003-187312
; PRIOR FILING DATE: 2003-06-30
; NUMBER OF SEQ ID NOS: 110
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 87
; LENGTH: 13
; TYPE: RNA
; ORGANISM: Artificial
; FEATURE:
; OTHER INFORMATION: an example of E sequence
US-10-562-408-87

Query Match      20.0%; Score 2; DB 7; Length 13;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      5 WW 6
Db      11 WW 10

RESULT 117
US-10-562-408-98
; Sequence 98, Application US/10562408
; GENERAL INFORMATION:
; APPLICANT: You, Jun
; APPLICANT: IIDA, Akihiro
; APPLICANT: Hasegawa, Mamoru
; TITLE OF INVENTION: Minus Strand RNA Virus Vector Carrying Gene Modified In High
; TITLE OF INVENTION: Mutation Region
; FILE REFERENCE: 50026/057001
; CURRENT APPLICATION NUMBER: US/10/562,408
; PRIOR FILING DATE: 2005-12-23
; CURRENT FILING DATE: 2005-12-23
; PRIOR APPLICATION NUMBER: PCT/JP04/009617
; PRIOR FILING DATE: 2004-06-30
; PRIOR APPLICATION NUMBER: JP 2003-187312
; PRIOR FILING DATE: 2003-06-30
; NUMBER OF SEQ ID NOS: 110
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 98
; LENGTH: 13
; TYPE: RNA
; ORGANISM: Artificial
; FEATURE:
; OTHER INFORMATION: an example of E sequence
US-10-562-408-98

Query Match      20.0%; Score 2; DB 7; Length 13;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      4 CW 5
Db      8 CW 9

RESULT 118
US-10-562-408-98/c
; Sequence 98, Application US/10562408
; GENERAL INFORMATION:
; APPLICANT: You, Jun
; APPLICANT: IIDA, Akihiro
; APPLICANT: Hasegawa, Mamoru
; TITLE OF INVENTION: Minus Strand RNA Virus Vector Carrying Gene Modified In High
; TITLE OF INVENTION: Mutation Region

```

```

; FILE REFERENCE: 50026/057001
; CURRENT APPLICATION NUMBER: US/10/562,408
; CURRENT FILING DATE: 2005-12-23
; PRIOR APPLICATION NUMBER: PCT/JP04/009617
; PRIOR FILING DATE: 2004-06-30
; PRIOR APPLICATION NUMBER: JP 2003-187312
; PRIOR FILING DATE: 2003-06-30
; NUMBER OF SEQ ID NOS: 110
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 98
; LENGTH: 13
; TYPE: RNA
; ORGANISM: Artificial
; FEATURE:
; OTHER INFORMATION: an example of E sequence
US-10-562-408-98

Query Match      20.0%; Score 2; DB 7; Length 13;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      6 WG 7
Db      9 WG 8

RESULT 119
US-10-562-408-108
; Sequence 108, Application US/10562408
; GENERAL INFORMATION:
; APPLICANT: You, Jun
; APPLICANT: IIDA, Akihiro
; APPLICANT: Hasegawa, Mamoru
; TITLE OF INVENTION: Minus Strand RNA Virus Vector Carrying Gene Modified In High
; TITLE OF INVENTION: Mutation Region
; FILE REFERENCE: 50026/057001
; CURRENT APPLICATION NUMBER: US/10/562,408
; CURRENT FILING DATE: 2005-12-23
; PRIOR APPLICATION NUMBER: PCT/JP04/009617
; PRIOR FILING DATE: 2004-06-30
; PRIOR APPLICATION NUMBER: JP 2003-187312
; PRIOR FILING DATE: 2003-06-30
; NUMBER OF SEQ ID NOS: 110
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 108
; LENGTH: 13
; TYPE: RNA
; ORGANISM: Artificial
; FEATURE:
; OTHER INFORMATION: an example of E sequence
US-10-562-408-108

Query Match      20.0%; Score 2; DB 7; Length 13;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      4 CW 5
Db      8 CW 9

RESULT 120
US-10-562-408-108/c
; Sequence 108, Application US/10562408
; GENERAL INFORMATION:
; APPLICANT: You, Jun
; APPLICANT: IIDA, Akihiro
; APPLICANT: Hasegawa, Mamoru
; TITLE OF INVENTION: Minus Strand RNA Virus Vector Carrying Gene Modified In High
; TITLE OF INVENTION: Mutation Region
; FILE REFERENCE: 50026/057001
; CURRENT APPLICATION NUMBER: US/10/562,408
; CURRENT FILING DATE: 2005-12-23

```

```

; PRIOR APPLICATION NUMBER: PCT/JP04/009617
; PRIOR FILING DATE: 2004-06-30
; PRIOR APPLICATION NUMBER: JP 2003-187312
; PRIOR FILING DATE: 2003-06-30
; NUMBER OF SEQ ID NOS: 110
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 108
; LENGTH: 13
; TYPE: RNA
; ORGANISM: Artificial
; FEATURE:
; OTHER INFORMATION: an example of E sequence
US-10-562-408-108

```

```

Query Match      20.0%; Score 2; DB 7; Length 13;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

```

QY      6 WG 7
      ||
DB      9 WG 8

```

RESULT 121

```

US-11-331-856-4
; Sequence 4, Application US/11331856
; GENERAL INFORMATION:
; APPLICANT: Idaho Research Foundation, Inc.
; APPLICANT: Forney, Larry J
; APPLICANT: Foster, James
; APPLICANT: Brown, Celeste
; APPLICANT: Joyce, Paul
; APPLICANT: Abdo, Zaid
; APPLICANT: Johnson, Audra
; APPLICANT: Zhou, Xia
; APPLICANT: Osborn, Thomas
; APPLICANT: Davis, Catherine
; APPLICANT: Jones, Bruce
; TITLE OF INVENTION: CATEGORIZATION OF VAGINAL MICROFLORA
; FILE REFERENCE: 2815-69351-02
; CURRENT APPLICATION NUMBER: US/11/331,856
; CURRENT FILING DATE: 2006-01-12
; PRIOR FILING DATE: 2005-01-14
; NUMBER OF SEQ ID NOS: 23
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 4
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial Sequence
; OTHER INFORMATION: Reverse primer 1406r
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (14)..(14)
; OTHER INFORMATION: "r" equals a or g
US-11-331-856-4

```

```

Query Match      20.0%; Score 2; DB 9; Length 15;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

```

QY      3 RC 4
      ||
DB     14 RC 15

```

RESULT 122

```

US-11-331-856-4/c
; Sequence 4, Application US/11331856
; GENERAL INFORMATION:
; APPLICANT: Idaho Research Foundation, Inc.
; APPLICANT: Forney, Larry J

```

```

; APPLICANT: Foster, James
; APPLICANT: Brown, Celeste
; APPLICANT: Joyce, Paul
; APPLICANT: Abdo, Zaid
; APPLICANT: Johnson, Audra
; APPLICANT: Zhou, Xia
; APPLICANT: Osborn, Thomas
; APPLICANT: Davis, Catherine
; APPLICANT: Jones, Bruce
; TITLE OF INVENTION: CATEGORIZATION OF VAGINAL MICROFLORA
; FILE REFERENCE: 2815-69351-02
; CURRENT APPLICATION NUMBER: US/11/331,856
; CURRENT FILING DATE: 2006-01-12
; PRIOR FILING DATE: 2005-01-14
; NUMBER OF SEQ ID NOS: 23
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 4
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial Sequence
; OTHER INFORMATION: Reverse primer 1406r
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (14)..(14)
; OTHER INFORMATION: "r" equals a or g
US-11-331-856-4

```

```

Query Match      20.0%; Score 2; DB 9; Length 15;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

```

QY      7 GY 8
      ||
DB     15 GY 14

```

RESULT 123

```

US-11-274-375-22
; Sequence 22, Application US/11274375
; GENERAL INFORMATION:
; APPLICANT: Maeda, Masatsugu
; APPLICANT: Yaguchi, Noriko
; TITLE OF INVENTION: NOVEL HEMOPOIETIN RECEPTOR PROTEIN, NR12
; FILE REFERENCE: 06501-105U1
; CURRENT APPLICATION NUMBER: US/11/274,375
; CURRENT FILING DATE: 2005-11-14
; PRIOR APPLICATION NUMBER: US/10/105,930
; PRIOR FILING DATE: 2002-03-25
; PRIOR APPLICATION NUMBER: PCT/JP00/06654
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: JP 2000-240397
; PRIOR FILING DATE: 2000-08-03
; PRIOR APPLICATION NUMBER: JP 11-273358
; PRIOR FILING DATE: 1999-09-27
; NUMBER OF SEQ ID NOS: 77
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 22
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial Sequence
; OTHER INFORMATION: Exemplary motif
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: 7, 8, 9
; OTHER INFORMATION: n = a, t, g, or c
US-11-274-375-22

```

```

Query Match      20.0%; Score 2; DB 11; Length 15;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

```
QY      7 GY 8
      ||
Db      5 GY 6

RESULT 124
US-11-274-375-22/c
; Sequence 22, Application US/11274375
; GENERAL INFORMATION:
; APPLICANT: Maeda, Masataugu
; APPLICANT: Yaguchi, Noriko
; TITLE OF INVENTION: NOVEL HEMOPOIETIN RECEPTOR PROTEIN, NR12
; FILE REFERENCE: 06501-105U1
; CURRENT APPLICATION NUMBER: US/11/274,375
; CURRENT FILING DATE: 2005-11-14
; PRIOR APPLICATION NUMBER: US/10/105,930
; PRIOR FILING DATE: 2002-03-25
; PRIOR APPLICATION NUMBER: PCT/JP00/06654
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: JP 2000-240397
; PRIOR FILING DATE: 2000-08-03
; PRIOR APPLICATION NUMBER: JP 11-273358
; PRIOR FILING DATE: 1999-09-27
; NUMBER OF SEQ ID NOS: 77
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 22
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Exemplary motif
; NAME/KEY: misc_feature
; LOCATION: 7, 8, 9
; OTHER INFORMATION: n = a, t, g, or c
US-11-274-375-22

Query Match      20.0%; Score 2; DB 11; Length 15;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      3 RC 4
      ||
Db      15 RC 14

RESULT 125
US-11-220-408-120
; Sequence 120, Application US/11220408
; GENERAL INFORMATION:
; APPLICANT: ROMMENS, CAIUS
; APPLICANT: YAN, HUA
; TITLE OF INVENTION: PLANT-SPECIFIC GENETIC ELEMENTS AND TRANSFER CASSETTES FOR PLANT
; FILE REFERENCE: 058951-0229
; CURRENT APPLICATION NUMBER: US/11/220,408
; CURRENT FILING DATE: 2005-09-07
; PRIOR APPLICATION NUMBER: 60/698,938
; PRIOR FILING DATE: 2005-07-14
; PRIOR APPLICATION NUMBER: 60/607,586
; PRIOR FILING DATE: 2004-09-08
; PRIOR APPLICATION NUMBER: 60/684,525
; NUMBER OF SEQ ID NOS: 220
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 120
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic nucleotide
US-11-220-408-120

Query Match      20.0%; Score 2; DB 11; Length 15;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      3 RC 4
      ||
Db      15 RC 14

RESULT 126
US-11-220-408-120/c
; Sequence 120, Application US/11220408
; GENERAL INFORMATION:
; APPLICANT: ROMMENS, CAIUS
; APPLICANT: YAN, HUA
; TITLE OF INVENTION: PLANT-SPECIFIC GENETIC ELEMENTS AND TRANSFER CASSETTES FOR PLANT
; FILE REFERENCE: 058951-0229
; CURRENT APPLICATION NUMBER: US/11/220,408
; CURRENT FILING DATE: 2005-09-07
; PRIOR APPLICATION NUMBER: 60/698,938
; PRIOR FILING DATE: 2005-07-14
; PRIOR APPLICATION NUMBER: 60/607,586
; PRIOR FILING DATE: 2004-09-08
; PRIOR APPLICATION NUMBER: 60/684,525
; NUMBER OF SEQ ID NOS: 220
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 120
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic nucleotide
US-11-220-408-120

Query Match      20.0%; Score 2; DB 11; Length 15;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1 RR 2
      ||
Db      14 RR 13

RESULT 127
US-11-301-924-28
; Sequence 28, Application US/11301924
; GENERAL INFORMATION:
; APPLICANT: Joshua Z. Levin
; APPLICANT: Ken Phillips
; APPLICANT: Greg Budziszewski
; APPLICANT: Fred Meins
; APPLICANT: Zhenya Glazov
; TITLE OF INVENTION: Methods of Controlling Gene Expression
; FILE REFERENCE: 31481USNP
; CURRENT APPLICATION NUMBER: US/11/301,924
; CURRENT FILING DATE: 2005-12-13
; PRIOR APPLICATION NUMBER: US/09/896,186
; PRIOR FILING DATE: 2001-06-29
; PRIOR APPLICATION NUMBER: 60/222,202
; PRIOR FILING DATE: 2000-08-01
; NUMBER OF SEQ ID NOS: 34
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 28
; LENGTH: 16
; TYPE: DNA
; ORGANISM: Artificial Sequence
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic nucleotide
```

```
; OTHER INFORMATION: consensus sequence
US-11-220-408-120

Query Match      20.0%; Score 2; DB 11; Length 15;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      8 YY 9
      ||
Db      13 YY 14

RESULT 126
US-11-220-408-120/c
; Sequence 120, Application US/11220408
; GENERAL INFORMATION:
; APPLICANT: ROMMENS, CAIUS
; APPLICANT: YAN, HUA
; TITLE OF INVENTION: PLANT-SPECIFIC GENETIC ELEMENTS AND TRANSFER CASSETTES FOR PLANT
; FILE REFERENCE: 058951-0229
; CURRENT APPLICATION NUMBER: US/11/220,408
; CURRENT FILING DATE: 2005-09-07
; PRIOR APPLICATION NUMBER: 60/698,938
; PRIOR FILING DATE: 2005-07-14
; PRIOR APPLICATION NUMBER: 60/607,586
; PRIOR FILING DATE: 2004-09-08
; PRIOR APPLICATION NUMBER: 60/684,525
; NUMBER OF SEQ ID NOS: 220
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 120
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic nucleotide
US-11-220-408-120

Query Match      20.0%; Score 2; DB 11; Length 15;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1 RR 2
      ||
Db      14 RR 13

RESULT 127
US-11-301-924-28
; Sequence 28, Application US/11301924
; GENERAL INFORMATION:
; APPLICANT: Joshua Z. Levin
; APPLICANT: Ken Phillips
; APPLICANT: Greg Budziszewski
; APPLICANT: Fred Meins
; APPLICANT: Zhenya Glazov
; TITLE OF INVENTION: Methods of Controlling Gene Expression
; FILE REFERENCE: 31481USNP
; CURRENT APPLICATION NUMBER: US/11/301,924
; CURRENT FILING DATE: 2005-12-13
; PRIOR APPLICATION NUMBER: US/09/896,186
; PRIOR FILING DATE: 2001-06-29
; PRIOR APPLICATION NUMBER: 60/222,202
; PRIOR FILING DATE: 2000-08-01
; NUMBER OF SEQ ID NOS: 34
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 28
; LENGTH: 16
; TYPE: DNA
; ORGANISM: Artificial Sequence
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic nucleotide
```



```
; LOCATION: (15)..(15)
; OTHER INFORMATION: R = A or G
PCT-US05-46724-11

Query Match      20.0%; Score 2; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      1 RR 2
Db      7 RR 6

RESULT 131
US-09-965-703A-76
; Sequence 76, Application US/09965703A
; GENERAL INFORMATION:
; APPLICANT: Palli, Subba Reddy
; APPLICANT: Kapitekaya, Marianna Zinovjevna
; APPLICANT: Cress, Dean Ervin
; TITLE OF INVENTION: Ecdysone Receptor-Based Inducible Gene Expression System
; FILE REFERENCE: A01020B
; CURRENT APPLICATION NUMBER: US/09/965,703A
; CURRENT FILING DATE: 2001-09-26
; PRIOR APPLICATION NUMBER: US 60/191,355
; PRIOR FILING DATE: 2000-03-22
; PRIOR FILING DATE: 2000-03-22
; PRIOR FILING DATE: 2001-02-20
; NUMBER OF SEQ ID NOS: 78
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 76
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Artificial
; FEATURE:
; OTHER INFORMATION: DNA sequence for response element
; NAME/KEY: misc_feature
; LOCATION: (9)..(9)
; OTHER INFORMATION: n is a, c, g, or t
US-09-965-703A-76

Query Match      20.0%; Score 2; DB 5; Length 17;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      1 RR 2
Db      17 RR 16

RESULT 132
US-09-965-697A-17
; Sequence 17, Application US/09965697A
; GENERAL INFORMATION:
; APPLICANT: Hormann, Robert E.
; APPLICANT: Palli, Subba Reddy
; APPLICANT: Carlson, Glenn R.
; APPLICANT: Cress, Dean E.
; APPLICANT: Dhadialla, Tarlochan S.
; APPLICANT: Herzig, Ronald P.
; APPLICANT: Kudia, Arthur J.
; APPLICANT: Philip, Mohan
; TITLE OF INVENTION: Multiple Inducible Gene Regulation System
; FILE REFERENCE: A01115A
; CURRENT APPLICATION NUMBER: US/09/965,697A
; CURRENT FILING DATE: 2001-09-27
; PRIOR APPLICATION NUMBER: US 60/237,446
; PRIOR FILING DATE: 2000-10-03
; NUMBER OF SEQ ID NOS: 19
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 17
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Artificial
; FEATURE:
; OTHER INFORMATION: Response element
; NAME/KEY: misc_feature
; LOCATION: (9)..(9)
; OTHER INFORMATION: n is a, c, g, or t
US-09-965-697A-17

Query Match      20.0%; Score 2; DB 5; Length 17;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      1 RR 2
Db      1 RR 2

RESULT 133
US-09-965-697A-17/c
; Sequence 17, Application US/09965697A
; GENERAL INFORMATION:
; APPLICANT: Hormann, Robert E.
; APPLICANT: Palli, Subba Reddy
; APPLICANT: Carlson, Glenn R.
; APPLICANT: Cress, Dean E.
; APPLICANT: Dhadialla, Tarlochan S.
; APPLICANT: Herzig, Ronald P.
; APPLICANT: Kudia, Arthur J.
; APPLICANT: Philip, Mohan
; TITLE OF INVENTION: Multiple Inducible Gene Regulation System
; FILE REFERENCE: A01115A
; CURRENT APPLICATION NUMBER: US/09/965,697A
; CURRENT FILING DATE: 2001-09-27
; PRIOR APPLICATION NUMBER: US 60/237,446
; PRIOR FILING DATE: 2000-10-03
; NUMBER OF SEQ ID NOS: 19
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 17
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Artificial
; FEATURE:
; OTHER INFORMATION: Response element
; NAME/KEY: misc_feature
; LOCATION: (9)..(9)
; OTHER INFORMATION: n is a, c, g, or t
US-09-965-697A-17

Query Match      20.0%; Score 2; DB 5; Length 17;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      1 RR 2
Db      1 RR 2

RESULT 134
US-09-965-697A-17/c
; Sequence 17, Application US/09965697A
; GENERAL INFORMATION:
; APPLICANT: Hormann, Robert E.
; APPLICANT: Palli, Subba Reddy
; APPLICANT: Carlson, Glenn R.
; APPLICANT: Cress, Dean E.
; APPLICANT: Dhadialla, Tarlochan S.
; APPLICANT: Herzig, Ronald P.
; APPLICANT: Kudia, Arthur J.
; APPLICANT: Philip, Mohan
; TITLE OF INVENTION: Multiple Inducible Gene Regulation System
; FILE REFERENCE: A01115A
; CURRENT APPLICATION NUMBER: US/09/965,697A
; CURRENT FILING DATE: 2001-09-27
```

; PRIOR APPLICATION NUMBER: US 60/237,446
 ; PRIOR FILING DATE: 2000-10-03
 ; NUMBER OF SEQ ID NOS: 19
 ; SOFTWARE: PatentIn version 3.3
 ; SEQ ID NO 17
 ; LENGTH: 17
 ; TYPE: DNA
 ; ORGANISM: Artificial
 ; FEATURE:
 ; OTHER INFORMATION: Response element
 ; FEATURE:
 ; NAME/KEY: misc feature
 ; LOCATION: (9)..(9)
 ; OTHER INFORMATION: n is a, c, g, or t
 US-09-965-697A-17

Query Match 20.0%; Score 2; DB 5; Length 17;
 Best Local Similarity 100.0%; Pred. No. 0;
 Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 RR 2
 ||
 Db 17 RR 16

RESULT 135
 US-10-250-821A-66
 ; Sequence 66, Application US/10250821A
 ; GENERAL INFORMATION:
 ; APPLICANT: Lerchl, Jens
 ; APPLICANT: Duwenig, Elke
 ; APPLICANT: Bischoff, Friedrich
 ; APPLICANT: Heinz, Ernst
 ; APPLICANT: Drexler, Hjordis
 ; APPLICANT: Scheffler, Jodi
 ; TITLE OF INVENTION: Method for the expression of biosynthesis genes in plant seeds
 ; FILE REFERENCE: 12810-00069-US
 ; CURRENT APPLICATION NUMBER: US/10/250,821A
 ; CURRENT FILING DATE: 2003-07-07
 ; PRIOR APPLICATION NUMBER: PCT/EP02/00461
 ; PRIOR FILING DATE: 2002-01-18
 ; PRIOR APPLICATION NUMBER: DE 101 02 338.3
 ; PRIOR FILING DATE: 2001-01-19
 ; NUMBER OF SEQ ID NOS: 112
 ; SOFTWARE: PatentIn version 3.3
 ; SEQ ID NO 66
 ; LENGTH: 17
 ; TYPE: DNA
 ; ORGANISM: unknown
 ; FEATURE:
 ; OTHER INFORMATION: artificial sequence
 ; FEATURE:
 ; NAME/KEY: misc feature
 ; LOCATION: (3), (9), (15)
 ; OTHER INFORMATION: n is a or g or c or t/u or i
 US-10-250-821A-66

Query Match 20.0%; Score 2; DB 6; Length 17;
 Best Local Similarity 100.0%; Pred. No. 0;
 Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 3 RC 4
 ||
 Db 12 RC 13

RESULT 136
 US-10-250-821A-66/c
 ; Sequence 66, Application US/10250821A
 ; GENERAL INFORMATION:
 ; APPLICANT: Lerchl, Jens
 ; APPLICANT: Duwenig, Elke

; APPLICANT: Bischoff, Friedrich
 ; APPLICANT: Heinz, Ernst
 ; APPLICANT: Drexler, Hjordis
 ; APPLICANT: Scheffler, Jodi
 ; TITLE OF INVENTION: Method for the expression of biosynthesis genes in plant seeds
 ; FILE REFERENCE: 12810-00069-US
 ; CURRENT APPLICATION NUMBER: US/10/250,821A
 ; CURRENT FILING DATE: 2003-07-07
 ; PRIOR APPLICATION NUMBER: PCT/EP02/00461
 ; PRIOR FILING DATE: 2002-01-18
 ; PRIOR APPLICATION NUMBER: DE 101 02 338.3
 ; PRIOR FILING DATE: 2001-01-19
 ; NUMBER OF SEQ ID NOS: 112
 ; SOFTWARE: PatentIn version 3.3
 ; SEQ ID NO 66
 ; LENGTH: 17
 ; TYPE: DNA
 ; ORGANISM: unknown
 ; FEATURE:
 ; OTHER INFORMATION: artificial sequence
 ; FEATURE:
 ; NAME/KEY: misc feature
 ; LOCATION: (3), (9), (15)
 ; OTHER INFORMATION: n is a or g or c or t/u or i
 US-10-250-821A-66

Query Match 20.0%; Score 2; DB 6; Length 17;
 Best Local Similarity 100.0%; Pred. No. 0;
 Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 7 GY 8
 ||
 Db 13 GY 12

RESULT 137
 US-10-250-821A-67
 ; Sequence 67, Application US/10250821A
 ; GENERAL INFORMATION:
 ; APPLICANT: Lerchl, Jens
 ; APPLICANT: Duwenig, Elke
 ; APPLICANT: Bischoff, Friedrich
 ; APPLICANT: Heinz, Ernst
 ; APPLICANT: Drexler, Hjordis
 ; APPLICANT: Scheffler, Jodi
 ; TITLE OF INVENTION: Method for the expression of biosynthesis genes in plant seeds
 ; FILE REFERENCE: 12810-00069-US
 ; CURRENT APPLICATION NUMBER: US/10/250,821A
 ; CURRENT FILING DATE: 2003-07-07
 ; PRIOR APPLICATION NUMBER: PCT/EP02/00461
 ; PRIOR FILING DATE: 2002-01-18
 ; PRIOR APPLICATION NUMBER: DE 101 02 338.3
 ; PRIOR FILING DATE: 2001-01-19
 ; NUMBER OF SEQ ID NOS: 112
 ; SOFTWARE: PatentIn version 3.3
 ; SEQ ID NO 67
 ; LENGTH: 17
 ; TYPE: DNA
 ; ORGANISM: unknown
 ; FEATURE:
 ; OTHER INFORMATION: artificial sequence
 ; FEATURE:
 ; NAME/KEY: misc feature
 ; LOCATION: (3)
 ; OTHER INFORMATION: n is a or g or c or t/u or i
 US-10-250-821A-67

Query Match 20.0%; Score 2; DB 6; Length 17;
 Best Local Similarity 100.0%; Pred. No. 0;
 Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 3 RC 4
||
Db 12 RC 13

RESULT 138
US-10-250-821A-67/c
; Sequence 67, Application US/10250821A
; GENERAL INFORMATION:
; APPLICANT: Lerchl, Jens
; APPLICANT: Duwenig, Elke
; APPLICANT: Bischoff, Friedrich
; APPLICANT: Heinz, Ernst
; APPLICANT: Drexler, Hjordis
; APPLICANT: Scheffler, Jodi
; TITLE OF INVENTION: Method for the expression of biosynthesis genes in plant seeds
; FILE REFERENCE: 12810-00069-US
; CURRENT APPLICATION NUMBER: US/10/250, 821A
; PRIOR FILING DATE: 2003-07-07
; PRIOR APPLICATION NUMBER: PCT/EP02/00461
; PRIOR FILING DATE: 2002-01-18
; PRIOR APPLICATION NUMBER: DE 101 02 338.3
; PRIOR FILING DATE: 2001-01-19
; NUMBER OF SEQ ID NOS: 112
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 67
; LENGTH: 17
; TYPE: DNA
; ORGANISM: unknown
; FEATURE:
; OTHER INFORMATION: artificial sequence
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (3)
; OTHER INFORMATION: n is a or g or c or t/u or i
US-10-250-821A-67

Query Match 20.0%; Score 2; DB 6; Length 17;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 7 GY 8
||
Db 16 GY 15

RESULT 139
US-10-250-821A-68
; Sequence 68, Application US/10250821A
; GENERAL INFORMATION:
; APPLICANT: Lerchl, Jens
; APPLICANT: Duwenig, Elke
; APPLICANT: Bischoff, Friedrich
; APPLICANT: Heinz, Ernst
; APPLICANT: Drexler, Hjordis
; APPLICANT: Scheffler, Jodi
; TITLE OF INVENTION: Method for the expression of biosynthesis genes in plant seeds
; FILE REFERENCE: 12810-00069-US
; CURRENT APPLICATION NUMBER: US/10/250, 821A
; PRIOR FILING DATE: 2003-07-07
; PRIOR APPLICATION NUMBER: PCT/EP02/00461
; PRIOR FILING DATE: 2002-01-18
; PRIOR APPLICATION NUMBER: DE 101 02 338.3
; PRIOR FILING DATE: 2001-01-19
; NUMBER OF SEQ ID NOS: 112
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 68
; LENGTH: 17
; TYPE: DNA
; ORGANISM: unknown
; FEATURE:

; OTHER INFORMATION: artificial sequence
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (3)
; OTHER INFORMATION: n is a or g or c or t/u or i
US-10-250-821A-68

Query Match 20.0%; Score 2; DB 6; Length 17;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 3 RC 4
||
Db 15 RC 16

RESULT 140
US-10-250-821A-68/c
; Sequence 68, Application US/10250821A
; GENERAL INFORMATION:
; APPLICANT: Lerchl, Jens
; APPLICANT: Duwenig, Elke
; APPLICANT: Bischoff, Friedrich
; APPLICANT: Heinz, Ernst
; APPLICANT: Drexler, Hjordis
; APPLICANT: Scheffler, Jodi
; TITLE OF INVENTION: Method for the expression of biosynthesis genes in plant seeds
; FILE REFERENCE: 12810-00069-US
; CURRENT APPLICATION NUMBER: US/10/250, 821A
; CURRENT FILING DATE: 2003-07-07
; PRIOR APPLICATION NUMBER: PCT/EP02/00461
; PRIOR FILING DATE: 2002-01-18
; PRIOR APPLICATION NUMBER: DE 101 02 338.3
; PRIOR FILING DATE: 2001-01-19
; NUMBER OF SEQ ID NOS: 112
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 68
; LENGTH: 17
; TYPE: DNA
; ORGANISM: unknown
; FEATURE:
; OTHER INFORMATION: artificial sequence
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (3)
; OTHER INFORMATION: n is a or g or c or t/u or i
US-10-250-821A-68

Query Match 20.0%; Score 2; DB 6; Length 17;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 7 GY 8
||
Db 16 GY 15

RESULT 141
US-10-250-821A-72
; Sequence 72, Application US/10250821A
; GENERAL INFORMATION:
; APPLICANT: Lerchl, Jens
; APPLICANT: Duwenig, Elke
; APPLICANT: Bischoff, Friedrich
; APPLICANT: Heinz, Ernst
; APPLICANT: Drexler, Hjordis
; APPLICANT: Scheffler, Jodi
; TITLE OF INVENTION: Method for the expression of biosynthesis genes in plant seeds
; FILE REFERENCE: 12810-00069-US
; CURRENT APPLICATION NUMBER: US/10/250, 821A
; CURRENT FILING DATE: 2003-07-07

```

; PRIOR APPLICATION NUMBER: PCT/EP02/00461
; PRIOR FILING DATE: 2002-01-18
; PRIOR APPLICATION NUMBER: DE 101 02 338.3
; PRIOR FILING DATE: 2001-01-19
; NUMBER OF SEQ ID NOS: 112
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 72
; LENGTH: 17
; TYPE: DNA
; ORGANISM: unknown
; FEATURE:
; OTHER INFORMATION: artificial sequence
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (6)
; OTHER INFORMATION: n is a or g or c or t/u or i
US-10-250-821A-72

```

```

Query Match      20.0%; Score 2; DB 6; Length 17;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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```

Qy      7 GY 8
      ||
Db     14 GY 15

```

RESULT 142

```

US-10-250-821A-72/c
; Sequence 72, Application US/10250821A
; GENERAL INFORMATION:
; APPLICANT: Lerchl, Jens
; APPLICANT: Duwenig, Elke
; APPLICANT: Bischoff, Friedrich
; APPLICANT: Heinz, Ernst
; APPLICANT: Drexler, Hjordis
; APPLICANT: Scheffler, Jodi
; TITLE OF INVENTION: Method for the expression of biosynthesis genes in plant seeds
; FILE REFERENCE: 12810-00069-US
; CURRENT APPLICATION NUMBER: US/10/250,821A
; CURRENT FILING DATE: 2003-07-07
; PRIOR APPLICATION NUMBER: PCT/EP02/00461
; PRIOR FILING DATE: 2002-01-18
; PRIOR APPLICATION NUMBER: DE 101 02 338.3
; PRIOR FILING DATE: 2001-01-19
; NUMBER OF SEQ ID NOS: 112
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 72
; LENGTH: 17
; TYPE: DNA
; ORGANISM: unknown
; FEATURE:
; OTHER INFORMATION: artificial sequence
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (6)
; OTHER INFORMATION: n is a or g or c or t/u or i
US-10-250-821A-72

```

```

Query Match      20.0%; Score 2; DB 6; Length 17;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

```

Qy      3 RC 4
      ||
Db     15 RC 14

```

RESULT 143

```

US-10-250-821A-73
; Sequence 73, Application US/10250821A
; GENERAL INFORMATION:

```

```

; APPLICANT: Lerchl, Jens
; APPLICANT: Duwenig, Elke
; APPLICANT: Bischoff, Friedrich
; APPLICANT: Heinz, Ernst
; APPLICANT: Drexler, Hjordis
; APPLICANT: Scheffler, Jodi
; TITLE OF INVENTION: Method for the expression of biosynthesis genes in plant seeds
; FILE REFERENCE: 12810-00069-US
; CURRENT APPLICATION NUMBER: US/10/250,821A
; CURRENT FILING DATE: 2003-07-07
; PRIOR APPLICATION NUMBER: PCT/EP02/00461
; PRIOR FILING DATE: 2002-01-18
; PRIOR APPLICATION NUMBER: DE 101 02 338.3
; PRIOR FILING DATE: 2001-01-19
; NUMBER OF SEQ ID NOS: 112
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 73
; LENGTH: 17
; TYPE: DNA
; ORGANISM: unknown
; FEATURE:
; OTHER INFORMATION: artificial sequence
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (6)
; OTHER INFORMATION: n is a or g or c or t/u or i
US-10-250-821A-73

```

```

Query Match      20.0%; Score 2; DB 6; Length 17;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

```

Qy      7 GY 8
      ||
Db     14 GY 15

```

RESULT 144

```

US-10-250-821A-73/c
; Sequence 73, Application US/10250821A
; GENERAL INFORMATION:
; APPLICANT: Lerchl, Jens
; APPLICANT: Duwenig, Elke
; APPLICANT: Bischoff, Friedrich
; APPLICANT: Heinz, Ernst
; APPLICANT: Drexler, Hjordis
; APPLICANT: Scheffler, Jodi
; TITLE OF INVENTION: Method for the expression of biosynthesis genes in plant seeds
; FILE REFERENCE: 12810-00069-US
; CURRENT APPLICATION NUMBER: US/10/250,821A
; CURRENT FILING DATE: 2003-07-07
; PRIOR APPLICATION NUMBER: PCT/EP02/00461
; PRIOR FILING DATE: 2002-01-18
; PRIOR APPLICATION NUMBER: DE 101 02 338.3
; PRIOR FILING DATE: 2001-01-19
; NUMBER OF SEQ ID NOS: 112
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 73
; LENGTH: 17
; TYPE: DNA
; ORGANISM: unknown
; FEATURE:
; OTHER INFORMATION: artificial sequence
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (6)
; OTHER INFORMATION: n is a or g or c or t/u or i
US-10-250-821A-73

```

```

Query Match      20.0%; Score 2; DB 6; Length 17;
Best Local Similarity 100.0%; Pred. No. 0;

```

```
Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 3 RC 4
Db 15 RC 14

RESULT 145
US-10-250-821A-80
; Sequence 80, Application US/10250821A
; GENERAL INFORMATION:
; APPLICANT: Lerchl, Jens
; APPLICANT: Duwenig, Elke
; APPLICANT: Bischoff, Friedrich
; APPLICANT: Heinz, Ernst
; APPLICANT: Drexler, Hjordis
; APPLICANT: Scheffler, Jodi
; TITLE OF INVENTION: Method for the expression of biosynthesis genes in plant seeds
; FILE REFERENCE: 12810-00069-US
; CURRENT APPLICATION NUMBER: US/10/250,821A
; CURRENT FILING DATE: 2003-07-07
; PRIOR APPLICATION NUMBER: PCT/EP02/00461
; PRIOR FILING DATE: 2002-01-18
; PRIOR APPLICATION NUMBER: DE 101 02 338.3
; PRIOR FILING DATE: 2001-01-19
; NUMBER OF SEQ ID NOS: 112
; SOFTWARE: Patentin version 3.3
; SEQ ID NO 80
; LENGTH: 17
; TYPE: DNA
; ORGANISM: unknown
; FEATURE:
; OTHER INFORMATION: artificial sequence
; NAME/KEY: misc feature
; LOCATION: (3),_(9)
; OTHER INFORMATION: n is a or g or c or t/u or i
US-10-250-821A-80

Query Match 20.0%; Score 2; DB 6; Length 17;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 8 YY 9
Db 12 YY 11

RESULT 146
US-10-250-821A-80/c
; Sequence 80, Application US/10250821A
; GENERAL INFORMATION:
; APPLICANT: Lerchl, Jens
; APPLICANT: Duwenig, Elke
; APPLICANT: Bischoff, Friedrich
; APPLICANT: Heinz, Ernst
; APPLICANT: Drexler, Hjordis
; APPLICANT: Scheffler, Jodi
; TITLE OF INVENTION: Method for the expression of biosynthesis genes in plant seeds
; FILE REFERENCE: 12810-00069-US
; CURRENT APPLICATION NUMBER: US/10/250,821A
; CURRENT FILING DATE: 2003-07-07
; PRIOR APPLICATION NUMBER: PCT/EP02/00461
; PRIOR FILING DATE: 2002-01-18
; PRIOR APPLICATION NUMBER: DE 101 02 338.3
; PRIOR FILING DATE: 2001-01-19
; NUMBER OF SEQ ID NOS: 112
; SOFTWARE: Patentin version 3.3
; SEQ ID NO 80
; LENGTH: 17
; TYPE: DNA
; ORGANISM: unknown
; FEATURE:
; OTHER INFORMATION: artificial sequence
; NAME/KEY: misc feature
; LOCATION: (3),_(9)
; OTHER INFORMATION: n is a or g or c or t/u or i
US-10-250-821A-80

Query Match 20.0%; Score 2; DB 6; Length 17;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 RR 2
Db 11 RR 12

RESULT 147
US-10-250-821A-81
; Sequence 81, Application US/10250821A
; GENERAL INFORMATION:
; APPLICANT: Lerchl, Jens
; APPLICANT: Duwenig, Elke
; APPLICANT: Bischoff, Friedrich
; APPLICANT: Heinz, Ernst
; APPLICANT: Drexler, Hjordis
; APPLICANT: Scheffler, Jodi
; TITLE OF INVENTION: Method for the expression of biosynthesis genes in plant seeds
; FILE REFERENCE: 12810-00069-US
; CURRENT APPLICATION NUMBER: US/10/250,821A
; CURRENT FILING DATE: 2003-07-07
; PRIOR APPLICATION NUMBER: PCT/EP02/00461
; PRIOR FILING DATE: 2002-01-18
; PRIOR APPLICATION NUMBER: DE 101 02 338.3
; PRIOR FILING DATE: 2001-01-19
; NUMBER OF SEQ ID NOS: 112
; SOFTWARE: Patentin version 3.3
; SEQ ID NO 81
; LENGTH: 17
; TYPE: DNA
; ORGANISM: unknown
; FEATURE:
; OTHER INFORMATION: artificial sequence
; NAME/KEY: misc feature
; LOCATION: (3),_(9)
; OTHER INFORMATION: n is a or g or c or t/u or i
US-10-250-821A-81

Query Match 20.0%; Score 2; DB 6; Length 17;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 RR 2
Db 11 RR 12

RESULT 148
US-10-250-821A-81/c
; Sequence 81, Application US/10250821A
; GENERAL INFORMATION:
; APPLICANT: Lerchl, Jens
; APPLICANT: Duwenig, Elke
; APPLICANT: Bischoff, Friedrich
; APPLICANT: Heinz, Ernst
; APPLICANT: Drexler, Hjordis
; APPLICANT: Scheffler, Jodi
; TITLE OF INVENTION: Method for the expression of biosynthesis genes in plant seeds
; FILE REFERENCE: 12810-00069-US
```

```
; ORGANISM: unknown
; FEATURE:
; OTHER INFORMATION: artificial sequence
; NAME/KEY: misc feature
; LOCATION: (3),_(9)
; OTHER INFORMATION: n is a or g or c or t/u or i
US-10-250-821A-80

Query Match 20.0%; Score 2; DB 6; Length 17;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 8 YY 9
Db 12 YY 11

RESULT 147
US-10-250-821A-81
; Sequence 81, Application US/10250821A
; GENERAL INFORMATION:
; APPLICANT: Lerchl, Jens
; APPLICANT: Duwenig, Elke
; APPLICANT: Bischoff, Friedrich
; APPLICANT: Heinz, Ernst
; APPLICANT: Drexler, Hjordis
; APPLICANT: Scheffler, Jodi
; TITLE OF INVENTION: Method for the expression of biosynthesis genes in plant seeds
; FILE REFERENCE: 12810-00069-US
; CURRENT APPLICATION NUMBER: US/10/250,821A
; CURRENT FILING DATE: 2003-07-07
; PRIOR APPLICATION NUMBER: PCT/EP02/00461
; PRIOR FILING DATE: 2002-01-18
; PRIOR APPLICATION NUMBER: DE 101 02 338.3
; PRIOR FILING DATE: 2001-01-19
; NUMBER OF SEQ ID NOS: 112
; SOFTWARE: Patentin version 3.3
; SEQ ID NO 81
; LENGTH: 17
; TYPE: DNA
; ORGANISM: unknown
; FEATURE:
; OTHER INFORMATION: artificial sequence
; NAME/KEY: misc feature
; LOCATION: (3),_(9)
; OTHER INFORMATION: n is a or g or c or t/u or i
US-10-250-821A-81

Query Match 20.0%; Score 2; DB 6; Length 17;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 RR 2
Db 11 RR 12

RESULT 148
US-10-250-821A-81/c
; Sequence 81, Application US/10250821A
; GENERAL INFORMATION:
; APPLICANT: Lerchl, Jens
; APPLICANT: Duwenig, Elke
; APPLICANT: Bischoff, Friedrich
; APPLICANT: Heinz, Ernst
; APPLICANT: Drexler, Hjordis
; APPLICANT: Scheffler, Jodi
; TITLE OF INVENTION: Method for the expression of biosynthesis genes in plant seeds
; FILE REFERENCE: 12810-00069-US
```

; CURRENT APPLICATION NUMBER: US/10/250,821A
; CURRENT FILING DATE: 2003-07-07
; PRIOR APPLICATION NUMBER: PCT/EP02/00461
; PRIOR FILING DATE: 2002-01-18
; PRIOR APPLICATION NUMBER: DE 101 02 338.3
; PRIOR FILING DATE: 2001-01-19
; NUMBER OF SEQ ID NOS: 112
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 81
; LENGTH: 17
; TYPE: DNA
; ORGANISM: unknown
; FEATURE:
; OTHER INFORMATION: artificial sequence
; NAME/KEY: misc feature
; LOCATION: (3),_(9)
; OTHER INFORMATION: n is a or g or c or t/u or i
US-10-250-821A-81

Query Match 20.0%; Score 2; DB 6; Length 17;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 8 YY 9
||
Db 12 YY 11

RESULT 149

US-10-250-821A-82
; Sequence 82, Application US/10250821A
; GENERAL INFORMATION:
; APPLICANT: Lerchl, Jens
; APPLICANT: Duwenig, Elke
; APPLICANT: Bischoff, Friedrich
; APPLICANT: Heinz, Ernst
; APPLICANT: Drexler, Hjordi
; APPLICANT: Scheffler, Jodi
; TITLE OF INVENTION: Method for the expression of biosynthesis genes in plant seeds
; FILE REFERENCE: 12810-00069-US
; CURRENT APPLICATION NUMBER: US/10/250,821A
; CURRENT FILING DATE: 2003-07-07
; PRIOR APPLICATION NUMBER: PCT/EP02/00461
; PRIOR FILING DATE: 2002-01-18
; PRIOR APPLICATION NUMBER: DE 101 02 338.3
; PRIOR FILING DATE: 2001-01-19
; NUMBER OF SEQ ID NOS: 112
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 82
; LENGTH: 17
; TYPE: DNA
; ORGANISM: unknown
; FEATURE:
; OTHER INFORMATION: artificial sequence
; NAME/KEY: misc feature
; LOCATION: (3),_(9)
; OTHER INFORMATION: n is a or g or c or t/u or i
US-10-250-821A-82

Query Match 20.0%; Score 2; DB 6; Length 17;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 RR 2
||
Db 11 RR 12

RESULT 150

US-10-250-821A-82/c

; Sequence 82, Application US/10250821A
; GENERAL INFORMATION:
; APPLICANT: Lerchl, Jens
; APPLICANT: Duwenig, Elke
; APPLICANT: Bischoff, Friedrich
; APPLICANT: Heinz, Ernst
; APPLICANT: Drexler, Hjordi
; APPLICANT: Scheffler, Jodi
; TITLE OF INVENTION: Method for the expression of biosynthesis genes in plant seeds
; FILE REFERENCE: 12810-00069-US
; CURRENT APPLICATION NUMBER: US/10/250,821A
; CURRENT FILING DATE: 2003-07-07
; PRIOR APPLICATION NUMBER: PCT/EP02/00461
; PRIOR FILING DATE: 2002-01-18
; PRIOR APPLICATION NUMBER: DE 101 02 338.3
; PRIOR FILING DATE: 2001-01-19
; NUMBER OF SEQ ID NOS: 112
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 82
; LENGTH: 17
; TYPE: DNA
; ORGANISM: unknown
; FEATURE:
; OTHER INFORMATION: artificial sequence
; NAME/KEY: misc feature
; LOCATION: (3),_(9)
; OTHER INFORMATION: n is a or g or c or t/u or i
US-10-250-821A-82

Query Match 20.0%; Score 2; DB 6; Length 17;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 8 YY 9
||
Db 12 YY 11

RESULT 151

US-10-432-932A-6
; Sequence 6, Application US/10432932A
; GENERAL INFORMATION:
; APPLICANT: YASUDA, KENJI
; APPLICANT: TAKEGAWA, YUICHI
; TITLE OF INVENTION: METHOD AND SYSTEM FOR OFFERING GENE ANALYSIS
; FILE REFERENCE: N9450.0073-P073
; CURRENT APPLICATION NUMBER: US/10/432,932A
; CURRENT FILING DATE: 2003-05-28
; PRIOR APPLICATION NUMBER: PCT/JP00/08489
; PRIOR FILING DATE: 2000-11-30
; NUMBER OF SEQ ID NOS: 6
; SOFTWARE: PatentIn Ver. 3.3
; SEQ ID NO 6
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: oligonucleotide
US-10-432-932A-6

Query Match 20.0%; Score 2; DB 6; Length 17;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 RR 2
||
Db 10 RR 11

RESULT 152
 US-10-432-932A-6/c
 ; Sequence 6, Application US/10432932A
 ; GENERAL INFORMATION:
 ; APPLICANT: YASUDA, KENJI
 ; APPLICANT: TAKEGAWA, YUICHI
 ; TITLE OF INVENTION: METHOD AND SYSTEM FOR OFFERING GENE ANALYSIS
 ; TITLE OF INVENTION: INFORMATION AND AUTHENTICATION IDENTIFICATION METHOD
 ; FILE REFERENCE: N9450.0073-P073
 ; CURRENT APPLICATION NUMBER: US/10/432,932A
 ; CURRENT FILING DATE: 2003-05-28
 ; PRIOR APPLICATION NUMBER: PCT/JP00/08489
 ; PRIOR FILING DATE: 2000-11-30
 ; NUMBER OF SEQ ID NOS: 6
 ; SOFTWARE: PatentIn Ver. 3.3
 ; SEQ ID NO 6
 ; LENGTH: 17
 ; TYPE: DNA
 ; ORGANISM: Artificial Sequence
 ; FEATURE:
 ; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
 ; OTHER INFORMATION: oligonucleotide
 US-10-432-932A-6

Query Match 20.0%; Score 2; DB 6; Length 17;
 Best Local Similarity 100.0%; Pred. No. 0;
 Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 8 YY 9
 ||
 Db 11 YY 10

RESULT 153
 US-11-257-062-53
 ; Sequence 53, Application US/11257062
 ; GENERAL INFORMATION:
 ; APPLICANT: Reed, Randall
 ; APPLICANT: Yau, King-Wai
 ; APPLICANT: Krautwurst, Dietmar
 ; TITLE OF INVENTION: Olfactory Receptor Expression Libraries
 ; TITLE OF INVENTION: ad Methods of Making and Using Them
 ; FILE REFERENCE: 001107.00105
 ; CURRENT APPLICATION NUMBER: US/11/257,062
 ; CURRENT FILING DATE: 2005-10-25
 ; PRIOR FILING DATE: 1999-12-17
 ; PRIOR APPLICATION NUMBER: 60/112,605
 ; PRIOR FILING DATE: 1998-12-17
 ; NUMBER OF SEQ ID NOS: 57
 ; SOFTWARE: FastSeq for Windows Version 4.0
 ; SEQ ID NO 53
 ; LENGTH: 17
 ; TYPE: DNA
 ; ORGANISM: Artificial Sequence
 ; FEATURE:
 ; OTHER INFORMATION: consensus sequence
 ; OTHER INFORMATION: Description of Artificial Sequence
 ; OTHER INFORMATION: oligonucleotide
 US-11-257-062-53

Query Match 20.0%; Score 2; DB 9; Length 17;
 Best Local Similarity 100.0%; Pred. No. 0;
 Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 7 GY 8
 ||
 Db 13 GY 12

RESULT 154
 US-11-257-062-53
 ; Sequence 53, Application US/11257062
 ; GENERAL INFORMATION:
 ; APPLICANT: Reed, Randall
 ; APPLICANT: Yau, King-Wai
 ; APPLICANT: Krautwurst, Dietmar
 ; TITLE OF INVENTION: Olfactory Receptor Expression Libraries
 ; TITLE OF INVENTION: ad Methods of Making and Using Them
 ; FILE REFERENCE: 001107.00105
 ; CURRENT APPLICATION NUMBER: US/11/257,062
 ; CURRENT FILING DATE: 2005-10-25
 ; PRIOR FILING DATE: 1999-12-17
 ; PRIOR APPLICATION NUMBER: 60/112,605
 ; PRIOR FILING DATE: 1998-12-17
 ; NUMBER OF SEQ ID NOS: 57
 ; SOFTWARE: FastSeq for Windows Version 4.0
 ; SEQ ID NO 53
 ; LENGTH: 17
 ; TYPE: DNA
 ; ORGANISM: Artificial Sequence
 ; FEATURE:
 ; OTHER INFORMATION: consensus sequence
 ; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
 ; OTHER INFORMATION: oligonucleotide
 ; FEATURE:
 ; NAME/KEY: misc_feature
 ; LOCATION: (1)...(17)
 ; OTHER INFORMATION: n = A,T,C or G
 US-11-257-062-53

Query Match 20.0%; Score 2; DB 9; Length 17;
 Best Local Similarity 100.0%; Pred. No. 0;
 Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 3 RC 4
 ||
 Db 12 RC 13

US-11-257-062-53/c
 ; Sequence 53, Application US/11257062
 ; GENERAL INFORMATION:
 ; APPLICANT: Reed, Randall
 ; APPLICANT: Yau, King-Wai
 ; APPLICANT: Krautwurst, Dietmar
 ; TITLE OF INVENTION: Olfactory Receptor Expression Libraries
 ; TITLE OF INVENTION: ad Methods of Making and Using Them
 ; FILE REFERENCE: 001107.00105
 ; CURRENT APPLICATION NUMBER: US/11/257,062
 ; CURRENT FILING DATE: 2005-10-25
 ; PRIOR APPLICATION NUMBER: US/09/465,901
 ; PRIOR FILING DATE: 1999-12-17
 ; PRIOR APPLICATION NUMBER: 60/112,605
 ; PRIOR FILING DATE: 1998-12-17
 ; NUMBER OF SEQ ID NOS: 57
 ; SOFTWARE: FastSeq for Windows Version 4.0
 ; SEQ ID NO 53
 ; LENGTH: 17
 ; TYPE: DNA
 ; ORGANISM: Artificial Sequence
 ; FEATURE:
 ; OTHER INFORMATION: consensus sequence
 ; FEATURE:
 ; NAME/KEY: misc_feature
 ; LOCATION: (1)...(17)
 ; OTHER INFORMATION: n = A,T,C or G
 US-11-257-062-53

Query Match 20.0%; Score 2; DB 9; Length 17;
 Best Local Similarity 100.0%; Pred. No. 0;
 Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 7 GY 8
 ||
 Db 13 GY 12

RESULT 155
 US-11-145-005A-66
 ; Sequence 66, Application US/11145005A
 ; GENERAL INFORMATION:
 ; APPLICANT: RUAN, YIJUN
 ; APPLICANT: WEI, CHIALIN
 ; TITLE OF INVENTION: METHOD TO GENERATE OR DETERMINE NUCLEIC ACID TAGS
 ; TITLE OF INVENTION: CORRESPONDING TO THE TERMINAL ENDS OF DNA MOLECULES
 ; TITLE OF INVENTION: USING SEQUENCES ANALYSIS OF GENE EXPRESSION (TERMINAL
 ; TITLE OF INVENTION: SAGE)
 ; FILE REFERENCE: 674175-2001
 ; CURRENT APPLICATION NUMBER: US/11/145,005A
 ; CURRENT FILING DATE: 2005-06-03
 ; PRIOR APPLICATION NUMBER: PCT/SG03/00255
 ; PRIOR FILING DATE: 2003-12-04
 ; PRIOR APPLICATION NUMBER: GB 0228289.5
 ; PRIOR FILING DATE: 2002-12-04
 ; NUMBER OF SEQ ID NOS: 165
 ; SOFTWARE: PatentIn version 3.3
 ; SEQ ID NO 66
 ; LENGTH: 17
 ; TYPE: DNA
 ; ORGANISM: Artificial Sequence
 ; FEATURE:
 ; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
 ; OTHER INFORMATION: oligonucleotide
 ; FEATURE:
 ; NAME/KEY: modified base
 ; LOCATION: (7)...(17)
 ; OTHER INFORMATION: a, c, g, t, unknown or other
 US-11-145-005A-66

Query Match 20.0%; Score 2; DB 11; Length 17;
 Best Local Similarity 100.0%; Pred. No. 0;
 Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;


```

Qy      3 RC 4
      ||
Db      4 RC 5

RESULT 156
US-11-145-005A-66/c
; Sequence 66, Application US/11145005A
; GENERAL INFORMATION:
; APPLICANT: RUAN, YIJUN
; TITLE OF INVENTION: METHOD TO GENERATE OR DETERMINE NUCLEIC ACID TAGS
; TITLE OF INVENTION: CORRESPONDING TO THE TERMINAL ENDS OF DNA MOLECULES
; TITLE OF INVENTION: USING SEQUENCES ANALYSIS OF GENE EXPRESSION (TERMINAL
; TITLE OF INVENTION: SAGE)
; FILE REFERENCE: 674175-2001
; CURRENT APPLICATION NUMBER: US/11/145,005A
; CURRENT FILING DATE: 2005-06-03
; PRIOR APPLICATION NUMBER: PCT/SG03/00255
; PRIOR FILING DATE: 2003-12-04
; PRIOR APPLICATION NUMBER: GB 0228289.5
; PRIOR FILING DATE: 2002-12-04
; NUMBER OF SEQ ID NOS: 165
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 66
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: oligonucleotide
; FEATURE:
; NAME/KEY: modified base
; LOCATION: (7)..(17)
; OTHER INFORMATION: a, c, g, t, unknown or other
US-11-145-005A-66

Query Match      20.0%; Score 2; DB 11; Length 17;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      7 GY 8
      ||
Db      5 GY 4

RESULT 157
US-11-315-730-11
; Sequence 11, Application US/11315730
; GENERAL INFORMATION:
; APPLICANT: Udagawa, Hiroaki
; APPLICANT: Fukuyama, Shiro
; APPLICANT: Liu, Jiyin
; APPLICANT: Soong, Chee-Leong
; APPLICANT: Ihara, Michiko
; APPLICANT: Landvik, Sara
; APPLICANT: Allain, Eric
; TITLE OF INVENTION: POLYPEPTIDES HAVING GLUCOAMYLASE ACTIVITY
; FILE REFERENCE: 10761.504-US
; CURRENT APPLICATION NUMBER: US/11/315,730
; CURRENT FILING DATE: 2005-12-22
; NUMBER OF SEQ ID NOS: 43
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 11
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Artificial
; FEATURE:
; OTHER INFORMATION: AMP3 degenerated primer
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (3)..(3)

Qy      8 YX 9
      ||
Db      6 YX 7

RESULT 158
US-11-315-730-11/c
; Sequence 11, Application US/11315730
; GENERAL INFORMATION:
; APPLICANT: Udagawa, Hiroaki
; APPLICANT: Fukuyama, Shiro
; APPLICANT: Liu, Jiyin
; APPLICANT: Soong, Chee-Leong
; APPLICANT: Ihara, Michiko
; APPLICANT: Landvik, Sara
; APPLICANT: Allain, Eric
; TITLE OF INVENTION: POLYPEPTIDES HAVING GLUCOAMYLASE ACTIVITY
; FILE REFERENCE: 10761.504-US
; CURRENT APPLICATION NUMBER: US/11/315,730
; CURRENT FILING DATE: 2005-12-22
; NUMBER OF SEQ ID NOS: 43
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 11
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Artificial
; FEATURE:
; OTHER INFORMATION: AMP3 degenerated primer
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (3)..(3)
; OTHER INFORMATION: Y = C or T
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (6)..(6)
; OTHER INFORMATION: Y = C or T
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (7)..(7)
; OTHER INFORMATION: Y = C or T
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (9)..(9)
; OTHER INFORMATION: N = A or C or G or T
; FEATURE:
; NAME/KEY: misc_feature

```

```

; OTHER INFORMATION: Y = C or T
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (6)..(6)
; OTHER INFORMATION: Y = C or T
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (7)..(7)
; OTHER INFORMATION: Y = C or T
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (9)..(9)
; OTHER INFORMATION: N = A or C or G or T
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (10)..(10)
; OTHER INFORMATION: Y = C or T
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (15)..(15)
; OTHER INFORMATION: R = A or G
US-11-315-730-11

Query Match      20.0%; Score 2; DB 11; Length 17;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      8 YX 9
      ||
Db      6 YX 7

RESULT 158
US-11-315-730-11/c
; Sequence 11, Application US/11315730
; GENERAL INFORMATION:
; APPLICANT: Udagawa, Hiroaki
; APPLICANT: Fukuyama, Shiro
; APPLICANT: Liu, Jiyin
; APPLICANT: Soong, Chee-Leong
; APPLICANT: Ihara, Michiko
; APPLICANT: Landvik, Sara
; APPLICANT: Allain, Eric
; TITLE OF INVENTION: POLYPEPTIDES HAVING GLUCOAMYLASE ACTIVITY
; FILE REFERENCE: 10761.504-US
; CURRENT APPLICATION NUMBER: US/11/315,730
; CURRENT FILING DATE: 2005-12-22
; NUMBER OF SEQ ID NOS: 43
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 11
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Artificial
; FEATURE:
; OTHER INFORMATION: AMP3 degenerated primer
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (3)..(3)
; OTHER INFORMATION: Y = C or T
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (6)..(6)
; OTHER INFORMATION: Y = C or T
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (7)..(7)
; OTHER INFORMATION: Y = C or T
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (9)..(9)
; OTHER INFORMATION: N = A or C or G or T
; FEATURE:
; NAME/KEY: misc_feature

```

```
; LOCATION: (10)..(10)
; OTHER INFORMATION: Y = C or T
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (15)..(15)
; OTHER INFORMATION: R = A or G
US-11-315-730-11

Query Match      20.0%; Score 2; DB 11; Length 17;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1 RR 2
Db      7 RR 6

RESULT 159
US-11-320-412-14
; Sequence 14, Application US/11320412
; GENERAL INFORMATION:
; APPLICANT: WATANABE, Manabu
; APPLICANT: MIDO, Naoki
; APPLICANT: TAMURA, Takayoshi
; APPLICANT: SUMIDA, Naomi
; APPLICANT: YAGUCHI, Takashi
; TITLE OF INVENTION: Saponin degrading enzyme, its gene and mass production
; FILE REFERENCE: 2005-2045A
; CURRENT APPLICATION NUMBER: US/11/320,412
; CURRENT FILING DATE: 2005-12-29
; PRIOR APPLICATION NUMBER: US 10/479,787
; PRIOR FILING DATE: 2003-12-05
; PRIOR APPLICATION NUMBER: JP 2001/171604
; PRIOR FILING DATE: 2001-06-06
; NUMBER OF SEQ ID NOS: 54
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 14
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:synthetic DNA
; NAME/KEY: modified_base
; LOCATION: (3)
; OTHER INFORMATION: n = a c g or t
; FEATURE:
; NAME/KEY: modified_base
; LOCATION: (6)
; OTHER INFORMATION: n = a c g or t
; FEATURE:
; NAME/KEY: modified_base
; LOCATION: (9)
; OTHER INFORMATION: y = c or t
; FEATURE:
; NAME/KEY: modified_base
; LOCATION: (12)
; OTHER INFORMATION: n = a c g or t
; FEATURE:
; NAME/KEY: modified_base
; LOCATION: (15)
; OTHER INFORMATION: n = a c g or t
US-11-320-412-14

Query Match      20.0%; Score 2; DB 11; Length 17;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      3 RC 4
Db      9 RC 8

RESULT 161
US-11-320-412-32
; Sequence 32, Application US/11320412
; GENERAL INFORMATION:
; APPLICANT: WATANABE, Manabu
; APPLICANT: MIDO, Naoki
; APPLICANT: TAMURA, Takayoshi
; APPLICANT: SUMIDA, Naomi
; APPLICANT: YAGUCHI, Takashi
; TITLE OF INVENTION: Saponin degrading enzyme, its gene and mass production
; FILE REFERENCE: 2005-2045A
; CURRENT APPLICATION NUMBER: US/11/320,412
; CURRENT FILING DATE: 2005-12-29
; PRIOR APPLICATION NUMBER: US 10/479,787
```

```
; PRIOR FILING DATE: 2003-12-05
; PRIOR APPLICATION NUMBER: JP 2001/171604
; PRIOR FILING DATE: 2001-06-06
; NUMBER OF SEQ ID NOS: 54
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 32
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:synthetic DNA
; NAME/KEY: modified_base
; LOCATION: (3)
; OTHER INFORMATION: Y = c or t
; FEATURE:
; NAME/KEY: modified_base
; LOCATION: (6)
; OTHER INFORMATION: Y = c or t
; FEATURE:
; NAME/KEY: modified_base
; LOCATION: (9)
; OTHER INFORMATION: n = a c g or t
; FEATURE:
; NAME/KEY: modified_base
; LOCATION: (12)
; OTHER INFORMATION: Y = c or t
; FEATURE:
; NAME/KEY: modified_base
; LOCATION: (15)
; OTHER INFORMATION: Y = c or t
; US-11-320-412-32

Query Match      20.0%; Score 2; DB 11; Length 17;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      7 GY 8
      ||
Db      14 GY 15

RESULT 162
US-11-320-412-32/c
; Sequence 32, Application US/11320412
; GENERAL INFORMATION:
; APPLICANT: WATANABE, Manabu
; APPLICANT: MIDO, Naoki
; APPLICANT: TAMURA, Takayoshi
; APPLICANT: SUMIDA, Naomi
; APPLICANT: YAGUCHI, Takashi
; TITLE OF INVENTION: of soyasapogenol B
; FILE REFERENCE: 2005-2045A
; CURRENT APPLICATION NUMBER: US 10/479,787
; PRIOR FILING DATE: 2003-12-05
; PRIOR APPLICATION NUMBER: JP 2001/171604
; PRIOR FILING DATE: 2001-06-06
; NUMBER OF SEQ ID NOS: 54
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 32
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:synthetic DNA
; NAME/KEY: modified_base
; LOCATION: (3)
; OTHER INFORMATION: Y = c or t
; FEATURE:
; NAME/KEY: modified_base
; LOCATION: (6)
; OTHER INFORMATION: Y = c or t
; FEATURE:
; NAME/KEY: modified_base
; LOCATION: (9)
; OTHER INFORMATION: n = a c g or t
; FEATURE:
; NAME/KEY: modified_base
; LOCATION: (12)
; OTHER INFORMATION: Y = c or t
; FEATURE:
; NAME/KEY: modified_base
; LOCATION: (15)
; OTHER INFORMATION: Y = c or t
; US-11-320-412-32

Query Match      20.0%; Score 2; DB 11; Length 17;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      7 GY 8
      ||
Db      14 GY 15

RESULT 162
US-11-320-412-32/c
; Sequence 32, Application US/11320412
; GENERAL INFORMATION:
; APPLICANT: WATANABE, Manabu
; APPLICANT: MIDO, Naoki
; APPLICANT: TAMURA, Takayoshi
; APPLICANT: SUMIDA, Naomi
; APPLICANT: YAGUCHI, Takashi
; TITLE OF INVENTION: of soyasapogenol B
; FILE REFERENCE: 2005-2045A
; CURRENT APPLICATION NUMBER: US 10/479,787
; PRIOR FILING DATE: 2003-12-05
; PRIOR APPLICATION NUMBER: JP 2001/171604
; PRIOR FILING DATE: 2001-06-06
; NUMBER OF SEQ ID NOS: 54
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 32
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:synthetic DNA
; NAME/KEY: modified_base
; LOCATION: (3)
; OTHER INFORMATION: Y = c or t
; FEATURE:
```

```
; NAME/KEY: modified_base
; LOCATION: (6)
; OTHER INFORMATION: Y = c or t
; FEATURE:
; NAME/KEY: modified_base
; LOCATION: (9)
; OTHER INFORMATION: n = a c g or t
; FEATURE:
; NAME/KEY: modified_base
; LOCATION: (12)
; OTHER INFORMATION: Y = c or t
; FEATURE:
; NAME/KEY: modified_base
; LOCATION: (15)
; OTHER INFORMATION: Y = c or t
; US-11-320-412-32

Query Match      20.0%; Score 2; DB 11; Length 17;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      3 RC 4
      ||
Db      15 RC 14

RESULT 163
US-11-320-412-36
; Sequence 36, Application US/11320412
; GENERAL INFORMATION:
; APPLICANT: WATANABE, Manabu
; APPLICANT: MIDO, Naoki
; APPLICANT: TAMURA, Takayoshi
; APPLICANT: SUMIDA, Naomi
; APPLICANT: YAGUCHI, Takashi
; TITLE OF INVENTION: of soyasapogenol B
; FILE REFERENCE: 2005-2045A
; CURRENT APPLICATION NUMBER: US 11/320,412
; CURRENT FILING DATE: 2005-12-29
; PRIOR APPLICATION NUMBER: US 10/479,787
; PRIOR FILING DATE: 2003-12-05
; PRIOR APPLICATION NUMBER: JP 2001/171604
; PRIOR FILING DATE: 2001-06-06
; NUMBER OF SEQ ID NOS: 54
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 36
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:synthetic DNA
; NAME/KEY: modified_base
; LOCATION: (3)
; OTHER INFORMATION: r = a or g
; FEATURE:
; NAME/KEY: modified_base
; LOCATION: (6)
; OTHER INFORMATION: r = a or g
; FEATURE:
; NAME/KEY: modified_base
; LOCATION: (9)
; OTHER INFORMATION: r = a or g
; FEATURE:
; NAME/KEY: modified_base
; LOCATION: (15)
; OTHER INFORMATION: r = a or g
; US-11-320-412-36

Query Match      20.0%; Score 2; DB 11; Length 17;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```

QY      3 RC 4
Db      6 RC 7

RESULT 164
US-11-320-412-36/c
; Sequence 36, Application US/11320412
; GENERAL INFORMATION:
; APPLICANT: WATANABE, Manabu
; APPLICANT: MIDO, Naoki
; APPLICANT: TAMURA, Takayoshi
; APPLICANT: SUMIDA, Naomi
; APPLICANT: YAGUCHI, Takashi
; TITLE OF INVENTION: Saponin degrading enzyme, its gene and mass production
; FILE REFERENCE: 2005-2045A
; CURRENT APPLICATION NUMBER: US/11/320,412
; CURRENT FILING DATE: 2005-12-29
; PRIOR APPLICATION NUMBER: US 10/479,787
; PRIOR FILING DATE: 2003-12-05
; PRIOR APPLICATION NUMBER: JP 2001/171604
; PRIOR FILING DATE: 2001-06-06
; NUMBER OF SEQ ID NOS: 54
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 36
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:synthetic DNA
; NAME/KEY: modified_base
; LOCATION: (3)
; OTHER INFORMATION: n = a c g or t
; FEATURE:
; NAME/KEY: modified_base
; LOCATION: (6)
; OTHER INFORMATION: r = a or g
; FEATURE:
; NAME/KEY: modified_base
; LOCATION: (9)
; OTHER INFORMATION: n = a c g or t
; FEATURE:
; NAME/KEY: modified_base
; LOCATION: (12)
; OTHER INFORMATION: r = a or g
; FEATURE:
; NAME/KEY: modified_base
; LOCATION: (15)
; OTHER INFORMATION: n = a c g or t
; OTHER INFORMATION: n = a c g or t
US-11-320-412-48

Query Match      20.0%; Score 2; DB 11; Length 17;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      3 RC 4
Db      6 RC 7

RESULT 166
US-11-320-412-48/c
; Sequence 48, Application US/11320412
; GENERAL INFORMATION:
; APPLICANT: WATANABE, Manabu
; APPLICANT: MIDO, Naoki
; APPLICANT: TAMURA, Takayoshi
; APPLICANT: SUMIDA, Naomi
; APPLICANT: YAGUCHI, Takashi
; TITLE OF INVENTION: Saponin degrading enzyme, its gene and mass production
; FILE REFERENCE: 2005-2045A
; CURRENT APPLICATION NUMBER: US/11/320,412
; CURRENT FILING DATE: 2005-12-29
; PRIOR APPLICATION NUMBER: US 10/479,787
; PRIOR FILING DATE: 2003-12-05
; PRIOR APPLICATION NUMBER: JP 2001/171604
; PRIOR FILING DATE: 2001-06-06
; NUMBER OF SEQ ID NOS: 54
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 48
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:synthetic DNA
; NAME/KEY: modified_base
; LOCATION: (3)
; OTHER INFORMATION: n = a c g or t
; OTHER INFORMATION: n = a c g or t
US-11-320-412-36

Query Match      20.0%; Score 2; DB 11; Length 17;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      7 GY 8
Db      7 GY 6

RESULT 165
US-11-320-412-48
; Sequence 48, Application US/11320412
; GENERAL INFORMATION:
; APPLICANT: WATANABE, Manabu
; APPLICANT: MIDO, Naoki
; APPLICANT: TAMURA, Takayoshi
; APPLICANT: SUMIDA, Naomi
; APPLICANT: YAGUCHI, Takashi
; TITLE OF INVENTION: Saponin degrading enzyme, its gene and mass production
; FILE REFERENCE: 2005-2045A
; CURRENT APPLICATION NUMBER: US/11/320,412
; CURRENT FILING DATE: 2005-12-29

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FEATURE:
; NAME/KEY: modified_base
; LOCATION: (6)
; OTHER INFORMATION: r = a or g
; FEATURE:
; NAME/KEY: modified_base
; LOCATION: (9)
; OTHER INFORMATION: n = a c g or t
; FEATURE:
; NAME/KEY: modified_base
; LOCATION: (12)
; OTHER INFORMATION: r = a or g
; FEATURE:
; NAME/KEY: modified_base
; LOCATION: (15)
; OTHER INFORMATION: n = a c g or t
US-11-320-412-48

Query Match 20.0%; Score 2; DB 11; Length 17;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 7 GY 8
||
Db 13 GY 12

RESULT 167
PCT-US05-46724-7
; Sequence 7, Application PC/TUS0546724
; GENERAL INFORMATION:
; APPLICANT: Novozymes North America, Inc.
; TITLE OF INVENTION: POLYPEPTIDES HAVING GLUCOAMYLASE ACTIVITY
; FILE REFERENCE: 10761.204-WO
; CURRENT APPLICATION NUMBER: PCT/US05/46724
; CURRENT FILING DATE: 2005-12-22
; NUMBER OF SEQ ID NOS: 43
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 7
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial

FEATURE:
; OTHER INFORMATION: Degenerated Primer Araf1
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (2)..(2)
; OTHER INFORMATION: R = A or G
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (4)..(4)
; OTHER INFORMATION: R = A or G
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (7)..(7)
; OTHER INFORMATION: Y = C or T
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (8)..(8)
; OTHER INFORMATION: D = A or G or T
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (9)..(9)
; OTHER INFORMATION: V = A or C or G
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (16)..(16)
; OTHER INFORMATION: Y = C or T
PCT-US05-46724-7

Query Match 20.0%; Score 2; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 0;

Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Qy 3 RC 4
||
Db 4 RC 5

RESULT 168
PCT-US05-46724-7/c
; Sequence 7, Application PC/TUS0546724
; GENERAL INFORMATION:
; APPLICANT: Novozymes North America, Inc.
; TITLE OF INVENTION: POLYPEPTIDES HAVING GLUCOAMYLASE ACTIVITY
; FILE REFERENCE: 10761.204-WO
; CURRENT APPLICATION NUMBER: PCT/US05/46724
; CURRENT FILING DATE: 2005-12-22
; NUMBER OF SEQ ID NOS: 43
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 7
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial

FEATURE:
; OTHER INFORMATION: Degenerated Primer Araf1
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (2)..(2)
; OTHER INFORMATION: R = A or G
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (4)..(4)
; OTHER INFORMATION: R = A or G
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (7)..(7)
; OTHER INFORMATION: Y = C or T
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (8)..(8)
; OTHER INFORMATION: D = A or G or T
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (9)..(9)
; OTHER INFORMATION: V = A or C or G
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (16)..(16)
; OTHER INFORMATION: Y = C or T
PCT-US05-46724-7

Query Match 20.0%; Score 2; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 7 GY 8
||
Db 5 GY 4

RESULT 169
US-09-755-320-6
; Sequence 6, Application US/09755320
; GENERAL INFORMATION:
; APPLICANT: Gorski, David H.
; TITLE OF INVENTION: Growth Arrest Homeobox Gene
; NUMBER OF SEQUENCES: 19
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Calfee, Halter, and Griswold
; STREET: 800 Superior Avenue
; CITY: Cleveland
; STATE: Ohio


```
; SEQ ID NO 60
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: chemically treated genomic DNA (Homo sapiens)
US-10-562-196-60

Query Match      20.0%; Score 2; DB 6; Length 18;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      7 GY 8
      ||
Db      3 GY 2

RESULT 173
US-10-562-196-60
; Sequence 60, Application US/10562196
; GENERAL INFORMATION:
; APPLICANT: Epigenomics AG
; TITLE OF INVENTION: IMPROVED HEAVYMETHYL ASSAY FOR THE METHYLATION ANALYSIS OF THE GS
; FILE REFERENCE: P1198PC
; CURRENT APPLICATION NUMBER: US/10/562,196
; CURRENT FILING DATE: 2005-12-23
; NUMBER OF SEQ ID NOS: 121
; SEQ ID NO 60
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: chemically treated genomic DNA (Homo sapiens)
US-10-562-196-60

Query Match      20.0%; Score 2; DB 7; Length 18;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      3 RC 4
      ||
Db      2 RC 3

RESULT 174
US-10-562-196-60/c
; Sequence 60, Application US/10562196
; GENERAL INFORMATION:
; APPLICANT: Epigenomics AG
; TITLE OF INVENTION: IMPROVED HEAVYMETHYL ASSAY FOR THE METHYLATION ANALYSIS OF THE GS
; FILE REFERENCE: P1198PC
; CURRENT APPLICATION NUMBER: US/10/562,196
; CURRENT FILING DATE: 2005-12-23
; NUMBER OF SEQ ID NOS: 121
; SEQ ID NO 60
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: chemically treated genomic DNA (Homo sapiens)
US-10-562-196-60

Query Match      20.0%; Score 2; DB 7; Length 18;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      3 RC 4
      ||
Db      2 RC 3

RESULT 175
US-11-204-854-8
; Sequence 8, Application US/11204854
; GENERAL INFORMATION:
; APPLICANT: Vironx LLC
; APPLICANT: Montagnier, Luc
; APPLICANT: Levallee, Claude
; TITLE OF INVENTION: Sensitive detection of bacteria by improved nested polymerase
; TITLE OF INVENTION: chain reaction targeting the 16S ribosomal RNA gene and
; FILE REFERENCE: MONT 206.1
; CURRENT APPLICATION NUMBER: US/11/204,854
; CURRENT FILING DATE: 2005-08-16
; NUMBER OF SEQ ID NOS: 8
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 8
; LENGTH: 18
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: PCR Primer Gneg Outer Primer (sense)
US-11-204-854-8

Query Match      20.0%; Score 2; DB 11; Length 18;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      7 GY 8
      ||
Db      15 GY 16

RESULT 176
US-11-204-854-8/c
; Sequence 8, Application US/11204854
; GENERAL INFORMATION:
; APPLICANT: Vironx LLC
; APPLICANT: Montagnier, Luc
; APPLICANT: Levallee, Claude
; TITLE OF INVENTION: Sensitive detection of bacteria by improved nested polymerase
; TITLE OF INVENTION: chain reaction targeting the 16S ribosomal RNA gene and
; FILE REFERENCE: MONT 206.1
; CURRENT APPLICATION NUMBER: US/11/204,854
; CURRENT FILING DATE: 2005-08-16
; NUMBER OF SEQ ID NOS: 8
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 8
; LENGTH: 18
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: PCR Primer Gneg Outer Primer (sense)
US-11-204-854-8

Query Match      20.0%; Score 2; DB 11; Length 18;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      3 RC 4
      ||
Db      16 RC 15

RESULT 177
US-11-036-272-21
; Sequence 21, Application US/11036272
; GENERAL INFORMATION:
; APPLICANT: Robert F.M. Van Gorcom
; APPLICANT: Willem Van Hartingsveldt
; APPLICANT: Petrus A. Van Paridon
; APPLICANT: Annemarie E. Veenstra
; APPLICANT: Rudolf G.M. Luttin
```

; APPLICANT: Gerardus Seltzen
; TITLE OF INVENTION: Cloning and Expression of Microbial
; TITLE OF INVENTION: Phycase
; NUMBER OF SEQUENCES: 52
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Morrison & Foerster
; STREET: 545 Middlefield Road, Suite 200
; CITY: Menlo Park
; STATE: California
; COUNTRY: USA
; ZIP: 94025-3471
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; SOFTWARE:
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/11/036,272
; FILING DATE: 14-JAN-2005
; CLASSIFICATION:
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/11/036,272
; FILING DATE: 20-JAN-1999
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 07/688,578
; FILING DATE: 24-MAY-1991
; ATTORNEY/AGENT INFORMATION:
; NAME: Murashige, Kate H.
; REGISTRATION NUMBER: 29,959
; REFERENCE/DOCKET NUMBER: 24615-20026.00
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 415-327-7250
; TELEFAX: 415-327-2951
; INFORMATION FOR SEQ ID NO: 21:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (synthetic)
; HYPOTHETICAL: NO
; ORIGINAL SOURCE: AB1226
; ORIGINAL SOURCE: AB1226
; US-11-036-272-21

Query Match 20.0%; Score 2; DB 11; Length 18;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 3 RC 4
Db 7 RC 8

RESULT 178
US-11-036-272-21/c
; Sequence 21, Application US/11036272
; GENERAL INFORMATION:
; APPLICANT: Robert F.M. Van Gortcom
; APPLICANT: Willem Van Hartingsveldt
; APPLICANT: Petrus A. Van Paridon
; APPLICANT: Annemarie E. Veenstra
; APPLICANT: Rudolf G.M. Luttin
; APPLICANT: Gerardus Seltzen
; TITLE OF INVENTION: Cloning and Expression of Microbial
; TITLE OF INVENTION: Phycase
; NUMBER OF SEQUENCES: 52
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Morrison & Foerster
; STREET: 545 Middlefield Road, Suite 200
; CITY: Menlo Park
; STATE: California

; COUNTRY: USA
; ZIP: 94025-3471
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; SOFTWARE:
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/11/036,272
; FILING DATE: 14-JAN-2005
; CLASSIFICATION:
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/11/036,272
; FILING DATE: 20-JAN-1999
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 07/688,578
; FILING DATE: 24-MAY-1991
; ATTORNEY/AGENT INFORMATION:
; NAME: Murashige, Kate H.
; REGISTRATION NUMBER: 29,959
; REFERENCE/DOCKET NUMBER: 24615-20026.00
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 415-327-7250
; TELEFAX: 415-327-2951
; INFORMATION FOR SEQ ID NO: 21:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (synthetic)
; HYPOTHETICAL: NO
; ORIGINAL SOURCE: AB1226
; ORIGINAL SOURCE: AB1226
; US-11-036-272-21

Query Match 20.0%; Score 2; DB 11; Length 18;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 7 GY 8
Db 8 GY 7

RESULT 179
US-11-198-765-57
; Sequence 57, Application US/11198765
; GENERAL INFORMATION:
; APPLICANT: Patten, Phillip
; APPLICANT: Stemmer, Willem P.C.
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR POLYPEPTIDE ENGINEERING
; FILE REFERENCE: 02-020501US
; CURRENT APPLICATION NUMBER: US/11/198,765
; CURRENT FILING DATE: 2005-08-05
; PRIOR APPLICATION NUMBER: US/09/339,926
; PRIOR FILING DATE: 1999-06-24
; PRIOR APPLICATION NUMBER: 08/769,062
; PRIOR FILING DATE: 1996-12-18
; PRIOR APPLICATION NUMBER: 08/198,431
; PRIOR FILING DATE: 1994-02-17
; PRIOR APPLICATION NUMBER: 08/425,684
; PRIOR FILING DATE: 1995-04-18
; PRIOR APPLICATION NUMBER: 08/537,874
; PRIOR FILING DATE: 1995-10-30
; NUMBER OF SEQ ID NOS: 101
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 57
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:

; OTHER INFORMATION: Description of Artificial Sequence: degenerate
; OTHER INFORMATION: oligonucleotide used for alpha interferon
; OTHER INFORMATION: shuffling
US-11-198-765-57

Query Match 20.0%; Score 2; DB 11; Length 18;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 7 GY 8
||
DB 9 GY 10

RESULT 180

US-11-198-765-57/c
; Sequence 57, Application US/11198765
; GENERAL INFORMATION:
; APPLICANT: Patten, Phillip
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR POLYPEPTIDE ENGINEERING
; FILE REFERENCE: 02-020501US
; CURRENT APPLICATION NUMBER: US/11/198,765
; CURRENT FILING DATE: 2005-08-05
; PRIOR APPLICATION NUMBER: US/09/339,926
; PRIOR FILING DATE: 1999-06-24
; PRIOR APPLICATION NUMBER: 08/769,062
; PRIOR FILING DATE: 1996-12-18
; PRIOR APPLICATION NUMBER: 08/198,431
; PRIOR FILING DATE: 1994-02-17
; PRIOR APPLICATION NUMBER: 08/425,684
; PRIOR FILING DATE: 1995-04-18
; PRIOR APPLICATION NUMBER: 08/537,874
; PRIOR FILING DATE: 1995-10-30
; NUMBER OF SEQ ID NOS: 101
; SOFTWARE: PatentIn ver. 2.0
; SEQ ID NO 57
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: degenerate
; OTHER INFORMATION: oligonucleotide used for alpha interferon
; OTHER INFORMATION: shuffling
US-11-198-765-57

Query Match 20.0%; Score 2; DB 11; Length 18;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 3 RC 4
||
DB 10 RC 9

RESULT 181

US-11-315-730-7
; Sequence 7, Application US/11315730
; GENERAL INFORMATION:
; APPLICANT: Udagawa, Hiroaki
; APPLICANT: Fukuyama, Shiro
; APPLICANT: Liu, Jiying
; APPLICANT: Soong, Chee-Leong
; APPLICANT: Ihara, Michiko
; APPLICANT: Landvik, Sara
; APPLICANT: Allain, Eric
; TITLE OF INVENTION: POLYPEPTIDES HAVING GLUCOAMYLASE ACTIVITY
; FILE REFERENCE: 10761.504-US
; CURRENT APPLICATION NUMBER: US/11/315,730
; CURRENT FILING DATE: 2005-12-22
; NUMBER OF SEQ ID NOS: 43
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 7

; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial
; FEATURE:
; OTHER INFORMATION: Degenerated Primer Araf1
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (2)..(2)
; OTHER INFORMATION: R = A or G
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (4)..(4)
; OTHER INFORMATION: R = A or G
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (7)..(7)
; OTHER INFORMATION: Y = C or T
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (8)..(8)
; OTHER INFORMATION: D = A or G or T
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (9)..(9)
; OTHER INFORMATION: V = A or C or G
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (16)..(16)
; OTHER INFORMATION: Y = C or T
; US-11-315-730-7

Query Match 20.0%; Score 2; DB 11; Length 18;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 3 RC 4
||
DB 4 RC 5

RESULT 182

US-11-315-730-7/c
; Sequence 7, Application US/11315730
; GENERAL INFORMATION:
; APPLICANT: Udagawa, Hiroaki
; APPLICANT: Fukuyama, Shiro
; APPLICANT: Liu, Jiying
; APPLICANT: Soong, Chee-Leong
; APPLICANT: Ihara, Michiko
; APPLICANT: Landvik, Sara
; APPLICANT: Allain, Eric
; TITLE OF INVENTION: POLYPEPTIDES HAVING GLUCOAMYLASE ACTIVITY
; FILE REFERENCE: 10761.504-US
; CURRENT APPLICATION NUMBER: US/11/315,730
; CURRENT FILING DATE: 2005-12-22
; NUMBER OF SEQ ID NOS: 43
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 7
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial
; FEATURE:
; OTHER INFORMATION: Degenerated Primer Araf1
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (2)..(2)
; OTHER INFORMATION: R = A or G
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (4)..(4)
; OTHER INFORMATION: R = A or G
; FEATURE:
; NAME/KEY: misc feature

```

; LOCATION: (7)..(7)
; OTHER INFORMATION: Y = C or T
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (8)..(8)
; OTHER INFORMATION: D = A or G or T
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (9)..(9)
; OTHER INFORMATION: V = A or C or G
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (16)..(16)
; OTHER INFORMATION: Y = C or T
US-11-315-730-7

```

```

Query Match          20.0%; Score 2; DB 11; Length 18;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

```

QY      7 GY 8
        ||
Db      5 GY 4

```

```

RESULT 183
US-11-317-601-25
; Sequence 25, Application US/11317601
; GENERAL INFORMATION:
; APPLICANT: Oh, Ji-young
; APPLICANT: Huh, Nam
; APPLICANT: Peak, Sang-hyun
; APPLICANT: Jeong, Sung-young
; TITLE OF INVENTION: PRIMER SET CAPABLE OF SPECIFICALLY AMPLIFYING A TARGET SEQUENCE
; TITLE OF INVENTION: FOUND IN 10 BACTERIAL SPECIES AND PROBE OLIGONUCLEOTIDE
; TITLE OF INVENTION: SPECIFICALLY HYBRIDIZABLE WITH EACH TARGET SEQUENCE OF THE 10
; TITLE OF INVENTION: BACTERIAL SPECIES
; FILE REFERENCE: YPL-0219
; CURRENT APPLICATION NUMBER: US/11/317,601
; CURRENT FILING DATE: 2005-12-23
; PRIOR APPLICATION NUMBER: Korean 10-2004-0111101
; PRIOR FILING DATE: 2004-12-23
; NUMBER OF SEQ ID NOS: 26
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 25
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: forward primer
US-11-317-601-25

```

```

Query Match          20.0%; Score 2; DB 11; Length 18;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

```

QY      7 GY 8
        ||
Db      17 GY 18

```

```

RESULT 184
US-11-317-601-25/c
; Sequence 25, Application US/11317601
; GENERAL INFORMATION:
; APPLICANT: Oh, Ji-young
; APPLICANT: Huh, Nam
; APPLICANT: Peak, Sang-hyun
; APPLICANT: Jeong, Sung-young
; TITLE OF INVENTION: PRIMER SET CAPABLE OF SPECIFICALLY AMPLIFYING A TARGET SEQUENCE
; TITLE OF INVENTION: FOUND IN 10 BACTERIAL SPECIES AND PROBE OLIGONUCLEOTIDE
; TITLE OF INVENTION: SPECIFICALLY HYBRIDIZABLE WITH EACH TARGET SEQUENCE OF THE 10
; TITLE OF INVENTION: BACTERIAL SPECIES

```

```

; FILE REFERENCE: YPL-0219
; CURRENT APPLICATION NUMBER: US/11/317,601
; CURRENT FILING DATE: 2005-12-23
; PRIOR APPLICATION NUMBER: Korean 10-2004-0111101
; PRIOR FILING DATE: 2004-12-23
; NUMBER OF SEQ ID NOS: 26
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 25
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: forward primer
US-11-317-601-25

```

```

Query Match          20.0%; Score 2; DB 11; Length 18;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

```

QY      3 RC 4
        ||
Db      18 RC 17

```

```

RESULT 185
PCT-US05-35549-72
; Sequence 72, Application PC/TUS0535549
; GENERAL INFORMATION:
; APPLICANT: WANG, LU
; APPLICANT: LUHM, ROBERT A.
; TITLE OF INVENTION: PRIMERS, METHODS AND KITS FOR AMPLIFYING OR DETECTING
; TITLE OF INVENTION: HUMAN LEUKOCYTE ANTIGEN ALLELES
; FILE REFERENCE: 044487-0185
; CURRENT APPLICATION NUMBER: PCT/US05/35549
; CURRENT FILING DATE: 2005-10-03
; PRIOR APPLICATION NUMBER: 60/615,326
; PRIOR FILING DATE: 2004-10-01
; PRIOR APPLICATION NUMBER: PCT/US04/36044
; PRIOR FILING DATE: 2004-10-28
; NUMBER OF SEQ ID NOS: 228
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 72
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: primer
PCT-US05-35549-72

```

```

Query Match          20.0%; Score 2; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

```

QY      3 RC 4
        ||
Db      12 RC 13

```

```

RESULT 186
PCT-US05-35549-72/c
; Sequence 72, Application PC/TUS0535549
; GENERAL INFORMATION:
; APPLICANT: WANG, LU
; APPLICANT: LUHM, ROBERT A.
; TITLE OF INVENTION: PRIMERS, METHODS AND KITS FOR AMPLIFYING OR DETECTING
; TITLE OF INVENTION: HUMAN LEUKOCYTE ANTIGEN ALLELES
; FILE REFERENCE: 044487-0185
; CURRENT APPLICATION NUMBER: PCT/US05/35549
; CURRENT FILING DATE: 2005-10-03
; PRIOR APPLICATION NUMBER: 60/615,326
; PRIOR FILING DATE: 2004-10-01
; PRIOR APPLICATION NUMBER: PCT/US04/36044

```

; PRIOR FILING DATE: 2004-10-28
; NUMBER OF SEQ ID NOS: 228
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 72
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: primer
PCT-US05-35549-72

Query Match 20.0%; Score 2; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 7 GY 8
||
Db 13 GY 12

RESULT 187
US-10-562-196-43
; Sequence 43, Application US/10562196
; GENERAL INFORMATION:
; APPLICANT: Epigenomics AG
; TITLE OF INVENTION: IMPROVED HEAVYMETHYL ASSAY FOR THE METHYLATION ANALYSIS OF THE GS
; TITLE OF INVENTION: GENE
; FILE REFERENCE: P1198PC
; CURRENT APPLICATION NUMBER: US/10/562,196
; CURRENT FILING DATE: 2005-12-23
; NUMBER OF SEQ ID NOS: 121
; SEQ ID NO 43
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: R
US-10-562-196-43

Query Match 20.0%; Score 2; DB 6; Length 19;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 3 RC 4
||
Db 9 RC 10

RESULT 188
US-10-562-196-43/c
; Sequence 43, Application US/10562196
; GENERAL INFORMATION:
; APPLICANT: Epigenomics AG
; TITLE OF INVENTION: IMPROVED HEAVYMETHYL ASSAY FOR THE METHYLATION ANALYSIS OF THE GS
; TITLE OF INVENTION: GENE
; FILE REFERENCE: P1198PC
; CURRENT APPLICATION NUMBER: US/10/562,196
; CURRENT FILING DATE: 2005-12-23
; NUMBER OF SEQ ID NOS: 121
; SEQ ID NO 43
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: R
US-10-562-196-43

Query Match 20.0%; Score 2; DB 6; Length 19;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 7 GY 8

Db ||
10 GY 9

RESULT 189
US-10-562-196-43
; Sequence 43, Application US/10562196
; GENERAL INFORMATION:
; APPLICANT: Epigenomics AG
; TITLE OF INVENTION: IMPROVED HEAVYMETHYL ASSAY FOR THE METHYLATION ANALYSIS OF THE GS
; TITLE OF INVENTION: GENE
; FILE REFERENCE: P1198PC
; CURRENT APPLICATION NUMBER: US/10/562,196
; CURRENT FILING DATE: 2005-12-23
; NUMBER OF SEQ ID NOS: 121
; SEQ ID NO 43
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: R
US-10-562-196-43

Query Match 20.0%; Score 2; DB 7; Length 19;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 3 RC 4
||
Db 9 RC 10

RESULT 190
US-10-562-196-43/c
; Sequence 43, Application US/10562196
; GENERAL INFORMATION:
; APPLICANT: Epigenomics AG
; TITLE OF INVENTION: IMPROVED HEAVYMETHYL ASSAY FOR THE METHYLATION ANALYSIS OF THE GS
; TITLE OF INVENTION: GENE
; FILE REFERENCE: P1198PC
; CURRENT APPLICATION NUMBER: US/10/562,196
; CURRENT FILING DATE: 2005-12-23
; NUMBER OF SEQ ID NOS: 121
; SEQ ID NO 43
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: R
US-10-562-196-43

Query Match 20.0%; Score 2; DB 7; Length 19;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 7 GY 8
||
Db 10 GY 9

RESULT 191
US-11-287-158-4
; Sequence 4, Application US/11287158
; GENERAL INFORMATION:
; APPLICANT: WILLIAMS-GAGNON, Alison
; APPLICANT: MURRAY, David L
; TITLE OF INVENTION: NUCLEIC ACIDS ENCODING A NOVEL REGULATOR OF G PROTEIN SIGNALING,
; TITLE OF INVENTION: RGS18, AND USES THEREOF
; FILE REFERENCE: A3656 US PCT
; CURRENT APPLICATION NUMBER: US/11/287,158
; CURRENT FILING DATE: 2005-11-23
; PRIOR APPLICATION NUMBER: US/10/258,371
; PRIOR FILING DATE: 2001-04-09

; PRIOR APPLICATION NUMBER: GB001883.334
 ; PRIOR FILING DATE: 2000-08-02
 ; PRIOR APPLICATION NUMBER: US60/200,786
 ; PRIOR FILING DATE: 2000-04-28
 ; NUMBER OF SEQ ID NOS: 38
 ; SOFTWARE: PatentIn version 3.2
 ; SEQ ID NO 4
 ; LENGTH: 19
 ; TYPE: DNA
 ; ORGANISM: Artificial
 ; FEATURE:
 ; OTHER INFORMATION: Synthetic PCR primer
 ; NAME/KEY: misc feature
 ; LOCATION: (11)..(11)
 ; OTHER INFORMATION: n = 1
 US-11-287-158-4

Query Match 20.0%; Score 2; DB 11; Length 19;
 Best Local Similarity 100.0%; Pred. No. 0;
 Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 3 RC 4
 ||
 Db 5 RC 6

RESULT 192
 US-11-287-158-4/c
 ; Sequence 4, Application US/11287158
 ; GENERAL INFORMATION:
 ; APPLICANT: WILLIAMS-GAGNON, Alison
 ; APPLICANT: MURRAY, David L
 ; TITLE OF INVENTION: NUCLEIC ACIDS ENCODING A NOVEL REGULATOR OF G PROTEIN SIGNALING.
 ; FILE REFERENCE: A3656 US PCT
 ; CURRENT APPLICATION NUMBER: US/11/287,158
 ; CURRENT FILING DATE: 2005-11-23
 ; PRIOR APPLICATION NUMBER: US/10/258,371
 ; PRIOR FILING DATE: 2001-04-09
 ; PRIOR APPLICATION NUMBER: GB001883.334
 ; PRIOR FILING DATE: 2000-08-02
 ; PRIOR APPLICATION NUMBER: US60/200,786
 ; PRIOR FILING DATE: 2000-04-28
 ; NUMBER OF SEQ ID NOS: 38
 ; SOFTWARE: PatentIn version 3.2
 ; SEQ ID NO 4
 ; LENGTH: 19
 ; TYPE: DNA
 ; ORGANISM: Artificial
 ; FEATURE:
 ; OTHER INFORMATION: Synthetic PCR primer
 ; NAME/KEY: misc feature
 ; LOCATION: (11)..(11)
 ; OTHER INFORMATION: n = 1
 US-11-287-158-4

Query Match 20.0%; Score 2; DB 11; Length 19;
 Best Local Similarity 100.0%; Pred. No. 0;
 Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 7 GY 8
 ||
 Db 6 GY 5

RESULT 193
 US-11-241-871-72
 ; Sequence 72, Application US/11241871
 ; GENERAL INFORMATION:
 ; APPLICANT: WANG, LU
 ; APPLICANT: LUHM, ROBERT A.

; TITLE OF INVENTION: PRIMERS, METHODS AND KITS FOR AMPLIFYING OR DETECTING
 ; TITLE OF INVENTION: HUMAN LEUKOCYTE ANTIGEN ALLELES
 ; FILE REFERENCE: 044487-0185
 ; CURRENT APPLICATION NUMBER: US/11/241,871
 ; CURRENT FILING DATE: 2005-09-30
 ; PRIOR APPLICATION NUMBER: 60/615,326
 ; PRIOR FILING DATE: 2004-10-01
 ; PRIOR APPLICATION NUMBER: PCT/US04/36044
 ; PRIOR FILING DATE: 2004-10-28
 ; NUMBER OF SEQ ID NOS: 228
 ; SOFTWARE: PatentIn version 3.3
 ; SEQ ID NO 72
 ; LENGTH: 19
 ; TYPE: DNA
 ; ORGANISM: Artificial Sequence
 ; FEATURE:
 ; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
 ; OTHER INFORMATION: primer
 US-11-241-871-72

Query Match 20.0%; Score 2; DB 11; Length 19;
 Best Local Similarity 100.0%; Pred. No. 0;
 Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 3 RC 4
 ||
 Db 12 RC 13

RESULT 194
 US-11-241-871-72/c
 ; Sequence 72, Application US/11241871
 ; GENERAL INFORMATION:
 ; APPLICANT: WANG, LU
 ; APPLICANT: LUHM, ROBERT A.
 ; TITLE OF INVENTION: PRIMERS, METHODS AND KITS FOR AMPLIFYING OR DETECTING
 ; TITLE OF INVENTION: HUMAN LEUKOCYTE ANTIGEN ALLELES
 ; FILE REFERENCE: 044487-0185
 ; CURRENT APPLICATION NUMBER: US/11/241,871
 ; CURRENT FILING DATE: 2005-09-30
 ; PRIOR APPLICATION NUMBER: 60/615,326
 ; PRIOR FILING DATE: 2004-10-01
 ; PRIOR APPLICATION NUMBER: PCT/US04/36044
 ; PRIOR FILING DATE: 2004-10-28
 ; NUMBER OF SEQ ID NOS: 228
 ; SOFTWARE: PatentIn version 3.3
 ; SEQ ID NO 72
 ; LENGTH: 19
 ; TYPE: DNA
 ; ORGANISM: Artificial Sequence
 ; FEATURE:
 ; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
 ; OTHER INFORMATION: primer
 US-11-241-871-72

Query Match 20.0%; Score 2; DB 11; Length 19;
 Best Local Similarity 100.0%; Pred. No. 0;
 Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 7 GY 8
 ||
 Db 13 GY 12

RESULT 195
 US-11-167-838-11
 ; Sequence 11, Application US/11167838
 ; GENERAL INFORMATION:
 ; APPLICANT: Fink, John K.
 ; APPLICANT: Rainier, Shirley K.
 ; TITLE OF INVENTION: Compositions and Methods for Treating Episodic Movement Disorders
 ; TITLE OF INVENTION: and Related Conditions
 ; FILE REFERENCE: UM-09965

; CURRENT APPLICATION NUMBER: US/11/167,838
; CURRENT FILING DATE: 2005-06-27
; NUMBER OF SEQ ID NOS: 14
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 11
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo sapiens
US-11-167-838-11

Query Match 20.0%; Score 2; DB 11; Length 19;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 7 GY 8
||
Db 9 GY 10

RESULT 196

US-11-167-838-11/c
; Sequence 11, Application US/11167838
; GENERAL INFORMATION:
; APPLICANT: Rainier, Shirley K.
; TITLE OF INVENTION: Compositions and Methods for Treating Episodic Movement Disorders
; FILE REFERENCE: UM-09965
; CURRENT APPLICATION NUMBER: US/11/167,838
; CURRENT FILING DATE: 2005-06-27
; NUMBER OF SEQ ID NOS: 14
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 11
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo sapiens
US-11-167-838-11

Query Match 20.0%; Score 2; DB 11; Length 19;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 3 RC 4
||
Db 10 RC 9

RESULT 197

US-11-318-240-3
; Sequence 3, Application US/11318240
; GENERAL INFORMATION:
; APPLICANT: Oh, Ji-young
; APPLICANT: Huh, Nam
; APPLICANT: Lee, Jung-nam
; APPLICANT: Ma, Soo-min
; TITLE OF INVENTION: NUCLEIC ACID PRIMER SET, NUCLEIC ACID PROBE SET AND METHOD FOR
; TITLE OF INVENTION: DETECTING RESPIRATORY DISEASE VIRUS USING THE PRIMER SET AND
; FILE REFERENCE: YPL-0220
; CURRENT APPLICATION NUMBER: US/11/318,240
; CURRENT FILING DATE: 2005-12-23
; PRIOR FILING DATE: 2004-12-24
; NUMBER OF SEQ ID NOS: 52
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 3
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: Enterovirus 5' UTR region specific primer
US-11-318-240-3

Query Match 20.0%; Score 2; DB 11; Length 19;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Query Match 20.0%; Score 2; DB 11; Length 19;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 7 GY 8
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Db 9 GY 10

RESULT 198

US-11-318-240-3/c
; Sequence 3, Application US/11318240
; GENERAL INFORMATION:
; APPLICANT: Oh, Ji-young
; APPLICANT: Huh, Nam
; APPLICANT: Lee, Jung-nam
; APPLICANT: Ma, Soo-min
; TITLE OF INVENTION: NUCLEIC ACID PRIMER SET, NUCLEIC ACID PROBE SET AND METHOD FOR
; TITLE OF INVENTION: DETECTING RESPIRATORY DISEASE VIRUS USING THE PRIMER SET AND
; FILE REFERENCE: YPL-0220
; CURRENT APPLICATION NUMBER: US/11/318,240
; CURRENT FILING DATE: 2005-12-23
; PRIOR FILING DATE: 2004-12-24
; NUMBER OF SEQ ID NOS: 52
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 3
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: Enterovirus 5' UTR region specific primer
US-11-318-240-3

Query Match 20.0%; Score 2; DB 11; Length 19;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 3 RC 4
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Db 10 RC 9

RESULT 199

US-11-318-240-5
; Sequence 5, Application US/11318240
; GENERAL INFORMATION:
; APPLICANT: Oh, Ji-young
; APPLICANT: Huh, Nam
; APPLICANT: Lee, Jung-nam
; APPLICANT: Ma, Soo-min
; TITLE OF INVENTION: NUCLEIC ACID PRIMER SET, NUCLEIC ACID PROBE SET AND METHOD FOR
; TITLE OF INVENTION: DETECTING RESPIRATORY DISEASE VIRUS USING THE PRIMER SET AND
; FILE REFERENCE: YPL-0220
; CURRENT APPLICATION NUMBER: US/11/318,240
; CURRENT FILING DATE: 2005-12-23
; PRIOR FILING DATE: 2004-12-24
; NUMBER OF SEQ ID NOS: 52
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 5
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: Rhinovirus 5' UTR region specific primer
US-11-318-240-5

Query Match 20.0%; Score 2; DB 11; Length 19;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 7 GY 8
||
Db 9 GY 10

RESULT 200
US-11-318-240-5/c
; Sequence 5, Application US/11318240
; GENERAL INFORMATION:
; APPLICANT: Oh, Ji-young
; APPLICANT: Huh, Nam
; APPLICANT: Lee, Jung-nam
; APPLICANT: Ma, Soo-min
; TITLE OF INVENTION: NUCLEIC ACID PRIMER SET, NUCLEIC ACID PROBE SET AND METHOD FOR
; TITLE OF INVENTION: DETECTING RESPIRATORY DISEASE VIRUS USING THE PRIMER SET AND
; FILE OF INVENTION: PROBE SET
; FILE REFERENCE: YPL-0220
; CURRENT APPLICATION NUMBER: US/11/318,240
; CURRENT FILING DATE: 2005-12-23
; PRIOR APPLICATION NUMBER: Korean 10-2004-0112234
; PRIOR FILING DATE: 2004-12-24
; NUMBER OF SEQ ID NOS: 52
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 5
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: Rhinovirus 5' UTR region specific primer
US-11-318-240-5

Query Match 20.0%; Score 2; DB 11; Length 19;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 3 RC 4
||
Db 10 RC 9

Search completed: January 31, 2006, 03:58:36
Job time : 775 secs